

Data Path : Z:\voasrv\HPCHEM1\MSVOA_w\Data\Vw121620\
 Data File : Vw017652.D
 Acq On : 16 Dec 2020 10:37
 Operator : SY/VA
 Sample : Vw1216SBS01
 Misc : 5.00G/5ML/MSVOA_w/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1216SBS01

Manual Integrations
 APPROVED

MMDadoda
 12/19/2020 12:03:55 PM

Quant Time: Dec 17 05:04:28 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_w\Method\82W121420S.M
 Quant Title : Sw846 8260
 QLast Update : Mon Dec 14 12:39:23 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.945	168	222321	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.842	114	379596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	330737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	157678	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	135083	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
35) Dibromofluoromethane	7.884	113	125263	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
50) Toluene-d8	10.323	98	493686	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.621	95	170962	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	42057	24.11	ug/l	98
3) Chloromethane	2.215	50	37467	19.08	ug/l	97
4) Vinyl Chloride	2.367	62	62328	21.89	ug/l	100
5) Bromomethane	2.782	94	69729	31.84	ug/l	94
6) Chloroethane	2.922	64	45017	25.30	ug/l	94
7) Trichlorofluoromethane	3.263	101	53649	23.82	ug/l	94
8) Diethyl Ether	3.684	74	22690	18.38	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.068	101	52174	21.34	ug/l	89
10) Methyl Iodide	4.275	142	71994	20.00	ug/l	90
11) Tert butyl alcohol	5.214	59	16945m	53.29	ug/l	
12) 1,1-Dichloroethene	4.038	96	51425	20.48	ug/l	84
13) Acrolein	3.903	56	14729	90.31	ug/l	100
14) Allyl chloride	4.672	41	77069	19.93	ug/l	91
15) Acrylonitrile	5.367	53	44785	81.91	ug/l	97
16) Acetone	4.135	43	49287	83.64	ug/l	98
17) Carbon Disulfide	4.391	76	147547	20.10	ug/l	97
18) Methyl Acetate	4.672	43	18731	15.64	ug/l	94
19) Methyl tert-butyl Ether	5.428	73	66214	19.49	ug/l	92
20) Methylene Chloride	4.915	84	57510	19.52	ug/l #	82
21) trans-1,2-Dichloroethene	5.428	96	56814	20.37	ug/l	87
22) Diisopropyl ether	6.312	45	138500	19.63	ug/l #	92
23) Vinyl Acetate	6.257	43	424429	89.36	ug/l	96
24) 1,1-Dichloroethane	6.220	63	97548	20.36	ug/l	96
25) 2-Butanone	7.177	43	60704	77.37	ug/l	92
26) 2,2-Dichloropropane	7.171	77	67873	18.78	ug/l	92
27) cis-1,2-Dichloroethene	7.171	96	60735	20.39	ug/l	85
28) Bromochloromethane	7.513	49	40788	20.02	ug/l #	72
29) Tetrahydrofuran	7.531	42	33127	75.06	ug/l	92
30) Chloroform	7.671	83	99922	20.53	ug/l	95
31) Cyclohexane	7.952	56	96225	20.57	ug/l	88
32) 1,1,1-Trichloroethane	7.872	97	86331	20.76	ug/l	94
36) 1,1-Dichloropropene	8.086	75	82965	20.88	ug/l	95
37) Ethyl Acetate	7.257	43	27584	16.61	ug/l	96
38) Carbon Tetrachloride	8.073	117	79993	20.03	ug/l	100
39) Methylcyclohexane	9.335	83	101699	20.20	ug/l #	89
40) Benzene	8.323	78	218308	20.74	ug/l	97
41) Methacrylonitrile	7.482	41	15690	16.72	ug/l	91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_w\Data\Vw121620\
 Data File : Vw017652.D
 Acq On : 16 Dec 2020 10:37
 Operator : SY/VA
 Sample : Vw1216SBS01
 Misc : 5.00G/5ML/MSVOA_w/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampled :
 VW1216SBS01

Manual Integrations
 APPROVED

MMDadoda
 12/19/2020 12:03:55 PM

Quant Time: Dec 17 05:04:28 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_w\Method\82W121420S.M
 Quant Title : Sw846 8260
 QLast Update : Mon Dec 14 12:39:23 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.397	62	65238	20.35	ug/l	94
43) Isopropyl Acetate	8.421	43	53263	17.09	ug/l #	92
44) Trichloroethene	9.092	130	59599	20.52	ug/l	90
45) 1,2-Dichloropropane	9.372	63	53045	20.42	ug/l	94
46) Dibromomethane	9.457	93	27686	19.05	ug/l #	86
47) Bromodichloromethane	9.646	83	73374	19.81	ug/l	97
48) Methyl methacrylate	9.439	41	25672	16.79	ug/l	89
49) 1,4-Dioxane	9.470	88	5737	319.07	ug/l #	96
51) 4-Methyl-2-Pentanone	10.213	43	123004	79.32	ug/l	92
52) Toluene	10.390	92	142507	20.70	ug/l	97
53) t-1,3-Dichloropropene	10.610	75	69846	18.42	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	81938	18.69	ug/l #	87
55) 1,1,2-Trichloroethane	10.786	97	37090	19.08	ug/l	94
56) Ethyl methacrylate	10.646	69	41800	16.64	ug/l #	85
57) 1,3-Dichloropropane	10.933	76	66308	19.31	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	107088	89.19	ug/l	91
59) 2-Hexanone	10.969	43	83022	80.02	ug/l	93
60) Dibromochloromethane	11.128	129	42907	17.64	ug/l	96
61) 1,2-Dibromoethane	11.238	107	34960	18.20	ug/l	99
64) Tetrachloroethene	10.866	164	48164	21.35	ug/l	91
65) Chlorobenzene	11.658	112	145165	20.41	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	48951	19.41	ug/l	99
67) Ethyl Benzene	11.731	91	276750	20.95	ug/l	98
68) m/p-Xylenes	11.841	106	210069	41.70	ug/l	97
69) o-Xylene	12.170	106	97615	20.54	ug/l	94
70) Styrene	12.182	104	160162	20.18	ug/l	95
71) Bromoform	12.353	173	22593	16.76	ug/l #	94
73) Isopropylbenzene	12.463	105	273809	21.96	ug/l	100
74) N-ethyl acetate	12.274	43	44678	17.09	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.713	83	39065	18.78	ug/l	97
76) 1,2,3-Trichloropropane	12.768	75	26962m	17.76	ug/l	
77) Bromobenzene	12.749	156	55271	20.70	ug/l	80
78) n-propylbenzene	12.804	91	330715	22.34	ug/l	96
79) 2-Chlorotoluene	12.896	91	181460	21.99	ug/l	96
80) 1,3,5-Trimethylbenzene	12.945	105	229260	21.73	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	11530	15.39	ug/l	89
82) 4-Chlorotoluene	12.987	91	194395	22.32	ug/l	96
83) tert-Butylbenzene	13.207	119	200749	22.24	ug/l	92
84) 1,2,4-Trimethylbenzene	13.249	105	230893	22.22	ug/l	96
85) sec-Butylbenzene	13.383	105	283558	22.37	ug/l	98
86) p-Isopropyltoluene	13.499	119	251685	22.00	ug/l	96
87) 1,3-Dichlorobenzene	13.499	146	114973	21.60	ug/l	96
88) 1,4-Dichlorobenzene	13.579	146	114673	21.71	ug/l	97
89) n-Butylbenzene	13.822	91	254117	22.60	ug/l	97
90) Hexachloroethane	14.097	117	45247	20.13	ug/l	77
91) 1,2-Dichlorobenzene	13.871	146	98297	20.78	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.487	75	6399	16.91	ug/l	79
93) 1,2,4-Trichlorobenzene	15.133	180	65762	21.73	ug/l	96
94) Hexachlorobutadiene	15.237	225	36807	23.14	ug/l	96
95) Naphthalene	15.371	128	115477	18.65	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	54399	20.78	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :

MSVOA_W

ClientSampleId :

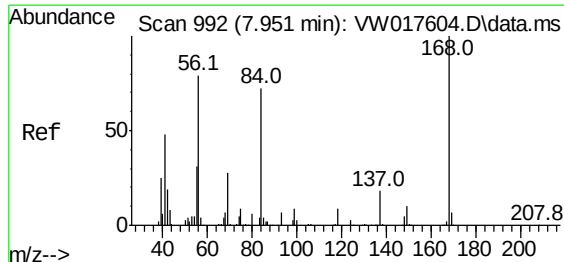
VW1216SBS01

Manual Integrations

APPROVED

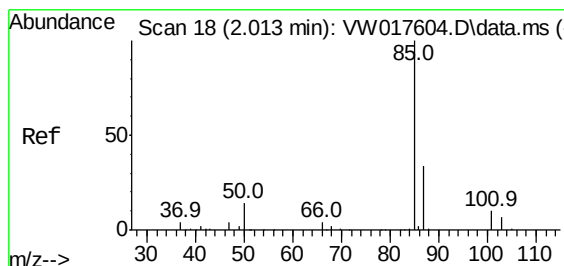
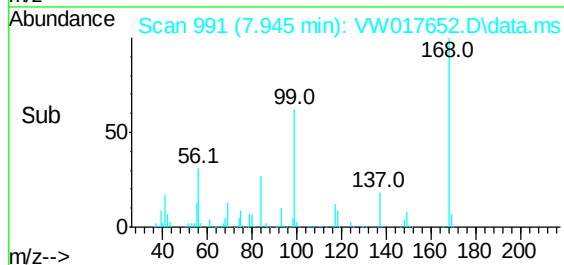
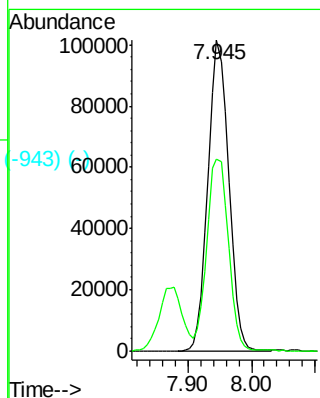
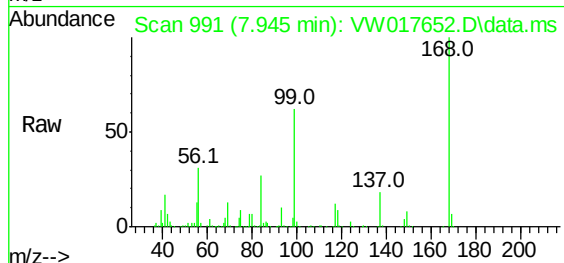
MMDadoda

12/19/2020 12:03:55 PM



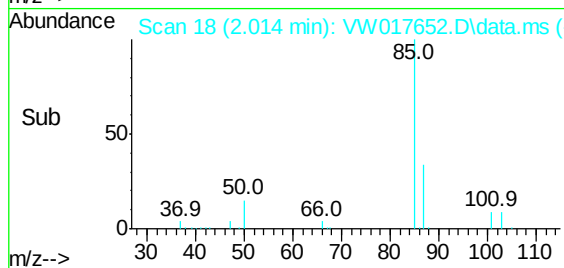
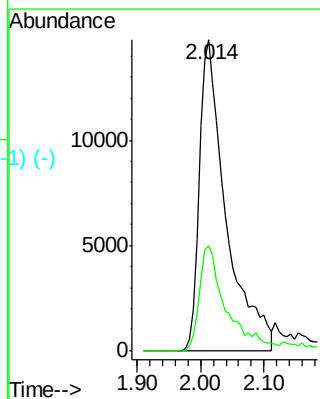
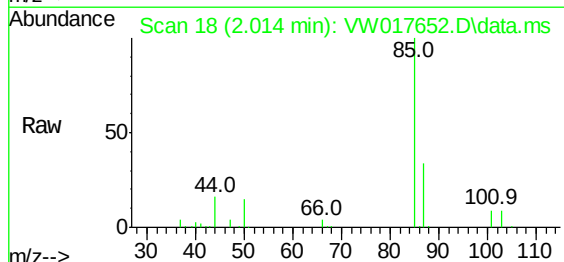
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 168 Resp: 222321
Ion Ratio Lower Upper
168 100
99 61.5 40.7 61.1#



Dichlorodifluoromethane
Concen: 24.11 ug/l
RT: 2.014 min Scan# 18
Delta R.T. 0.001 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

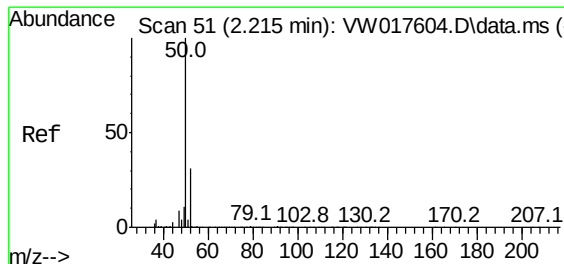
Tgt Ion: 85 Resp: 42057
Ion Ratio Lower Upper
85 100
87 33.7 16.3 48.9



Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

Manual Integrations
APPROVED

MMDadoda
12/19/2020 12:03:55 PM



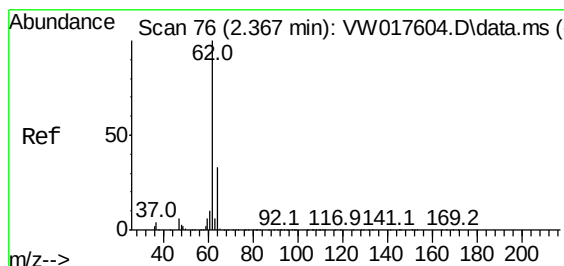
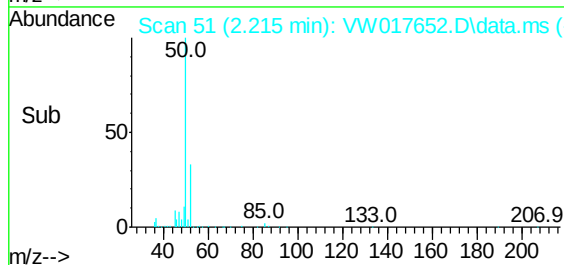
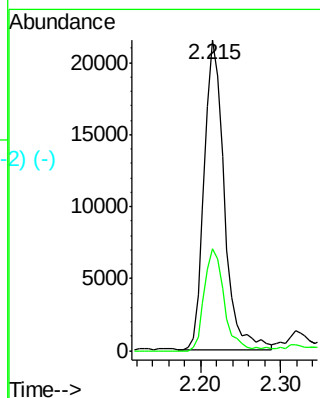
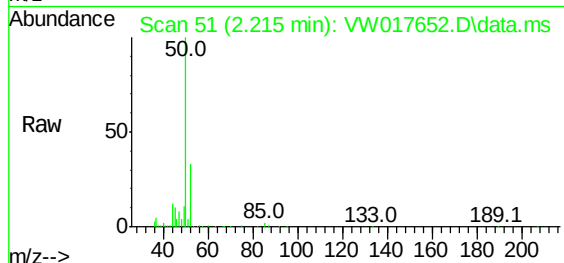
Chloromethane
Concen: 19.08 ug/l
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 50 Resp: 37467
Ion Ratio Lower Upper
50 100
52 33.0 27.6 41.4

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

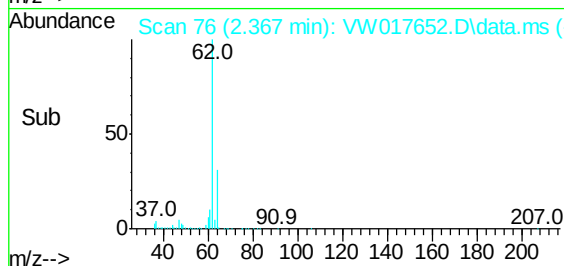
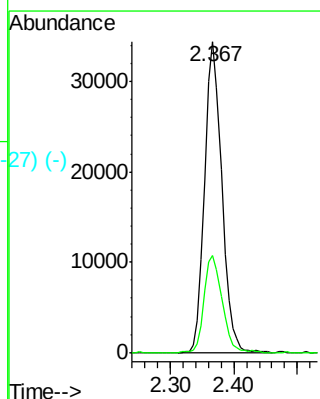
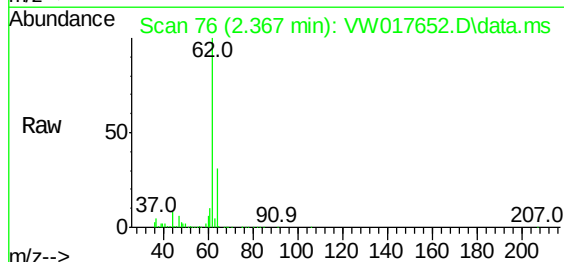
Manual Integrations
APPROVED

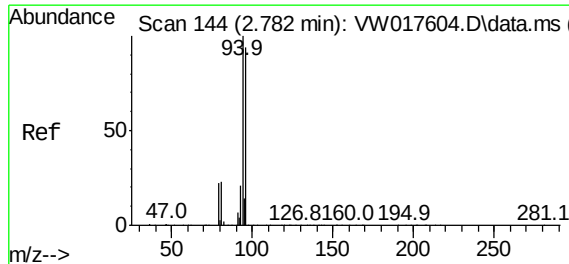
MMDadoda
12/19/2020 12:03:55 PM



Vinyl Chloride
Concen: 21.89 ug/l
RT: 2.367 min Scan# 76
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

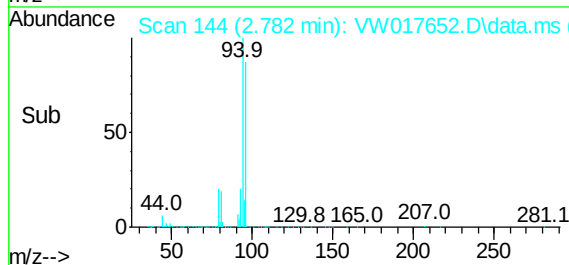
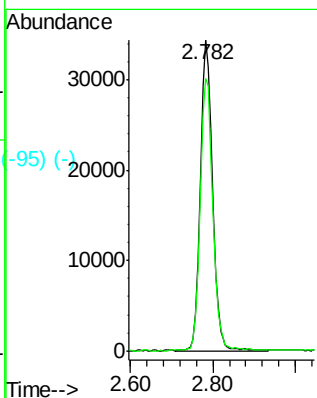
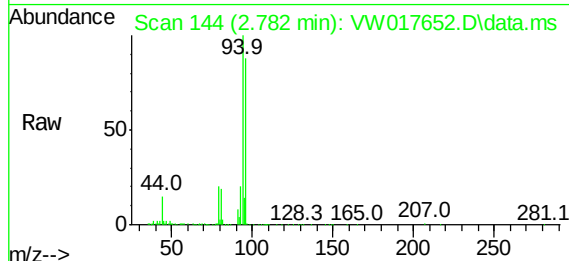
Tgt Ion: 62 Resp: 62328
Ion Ratio Lower Upper
62 100
64 31.0 25.0 37.4





Bromomethane
Concen: 31.84 ug/l
RT: 2.782 min Scan# 144
Delta R.T. -0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

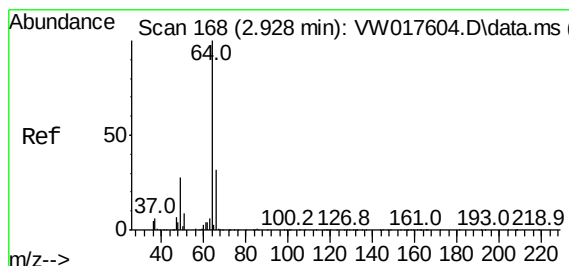
Tgt Ion: 94 Resp: 69729
Ion Ratio Lower Upper
94 100
96 87.4 74.7 112.1



Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

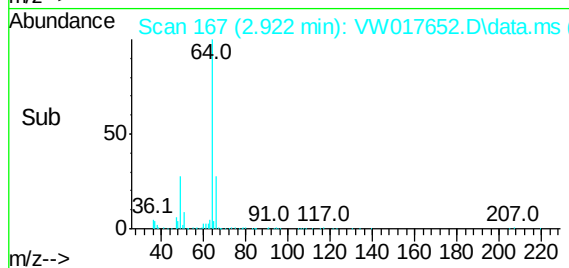
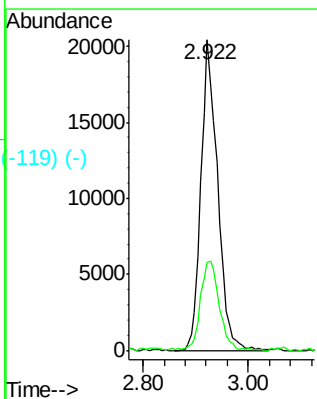
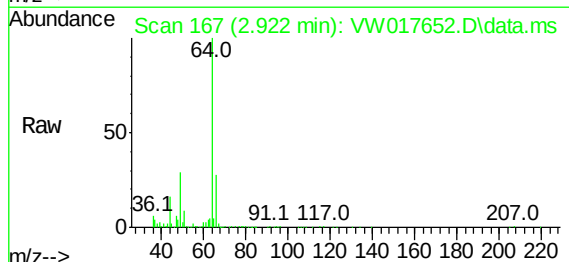
Manual Integrations
APPROVED

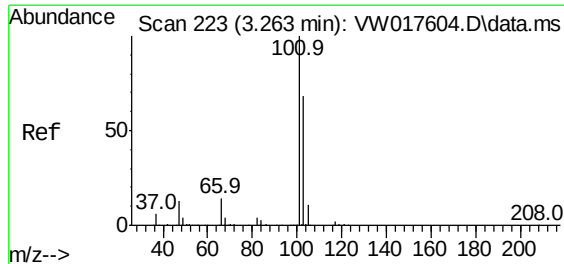
MMDadoda
12/19/2020 12:03:55 PM



Chloroethane
Concen: 25.30 ug/l
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 64 Resp: 45017
Ion Ratio Lower Upper
64 100
66 28.1 25.0 37.6





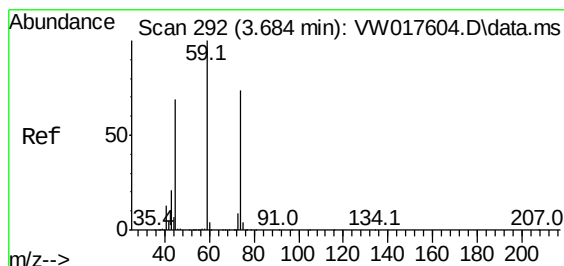
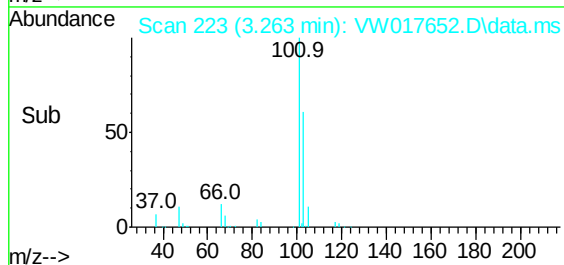
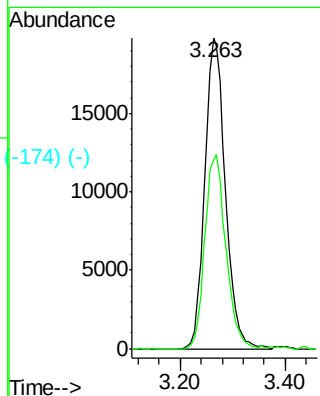
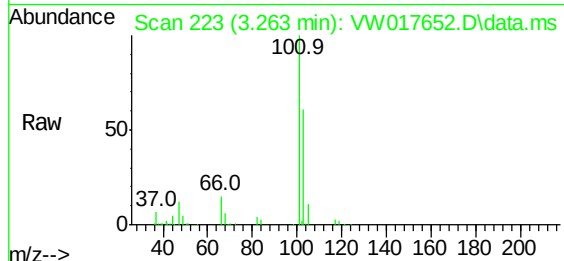
Trichlorofluoromethane
Concen: 23.82 ug/l
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 101 Resp: 53649
Ion Ratio Lower Upper
101 100
103 61.0 52.6 79.0

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

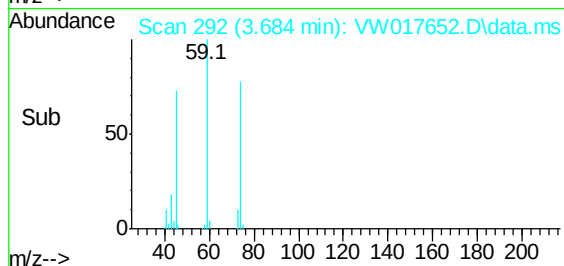
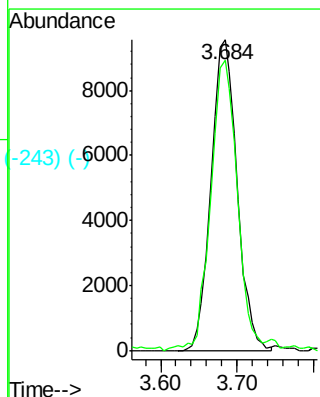
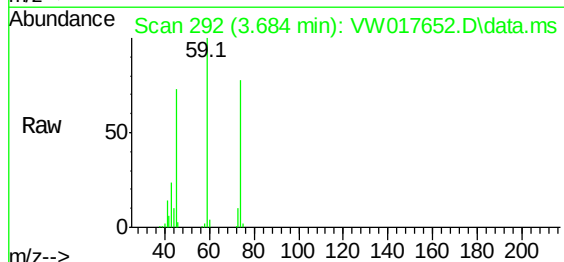
Manual Integrations
APPROVED

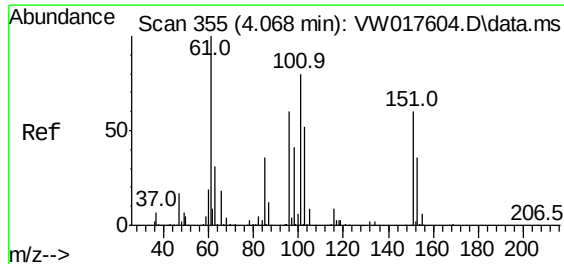
MMDadoda
12/19/2020 12:03:55 PM



Diethyl Ether
Concen: 18.38 ug/l
RT: 3.684 min Scan# 292
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 74 Resp: 22690
Ion Ratio Lower Upper
74 100
45 95.7 41.1 123.4



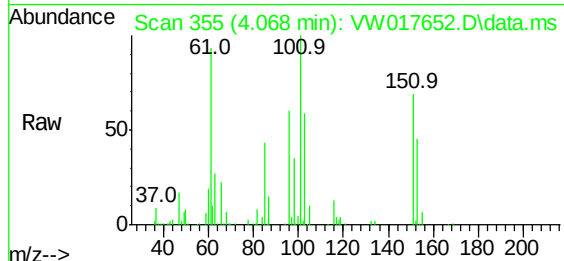


1,1,2-Trichlorotrifluoroethane
Concen: 21.34 ug/l
RT: 4.068 min Scan# 355
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

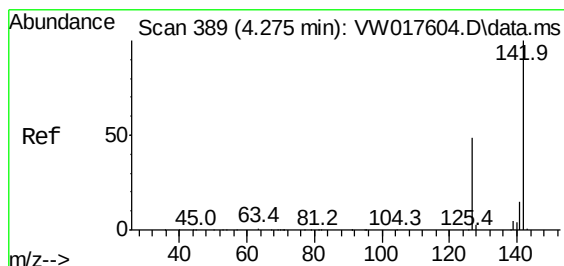
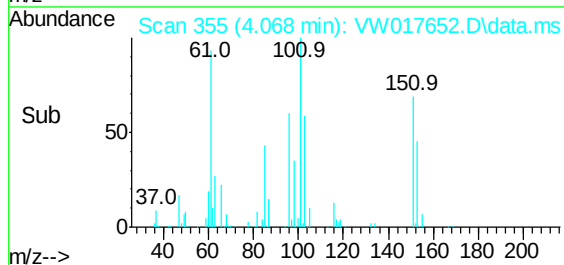
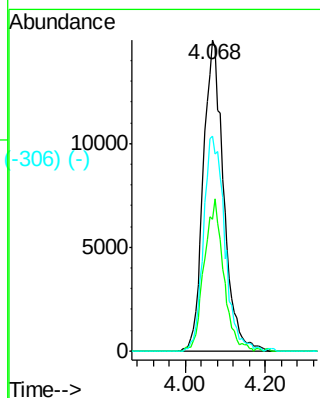
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

Manual Integrations
APPROVED

MMDadoda
12/19/2020 12:03:55 PM

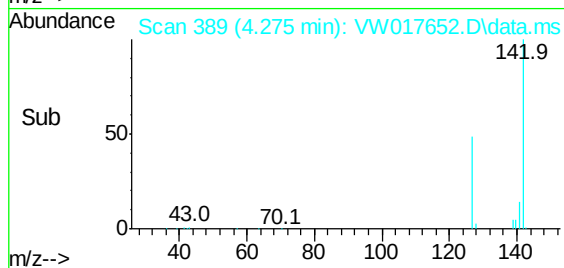
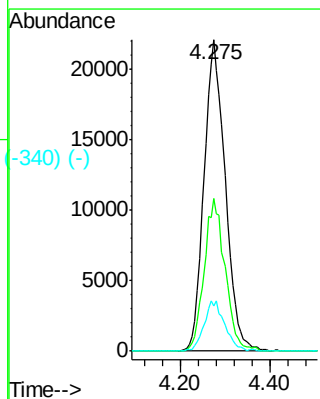
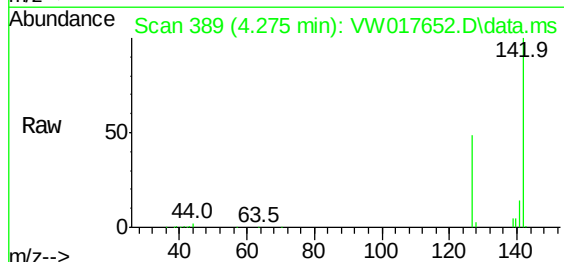


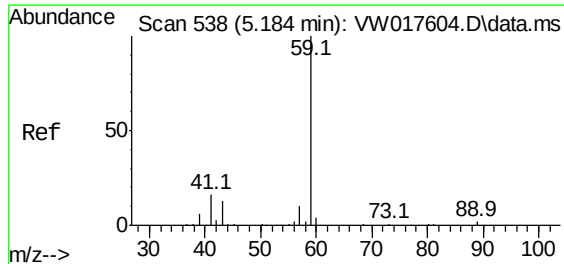
Tgt Ion:101 Resp: 52174
Ion Ratio Lower Upper
101 100
85 46.6 33.2 49.8
151 72.0 66.6 100.0



Methyl Iodide
Concen: 20.00 ug/l
RT: 4.275 min Scan# 389
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion:142 Resp: 71994
Ion Ratio Lower Upper
142 100
127 48.1 32.4 48.6
141 15.1 11.4 17.0





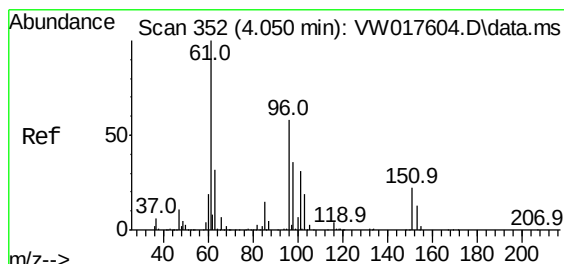
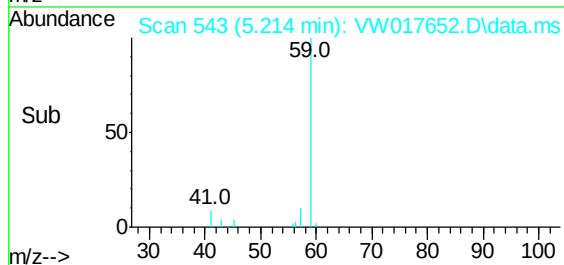
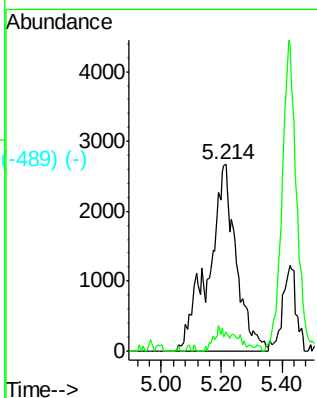
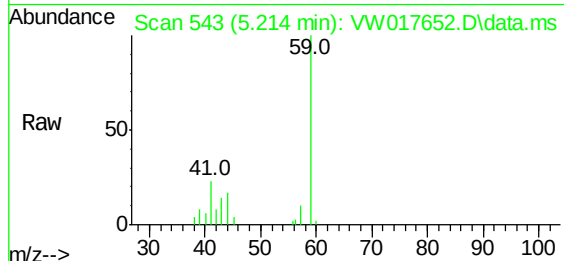
Tert butyl alcohol
Concen: 53.29 ug/l m
RT: 5.214 min Scan# 543
Delta R.T. 0.030 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 59 Resp: 16945
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

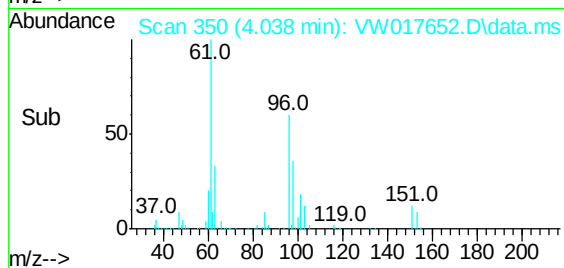
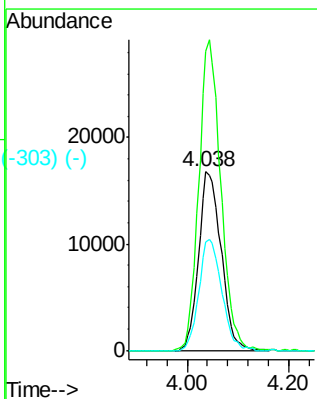
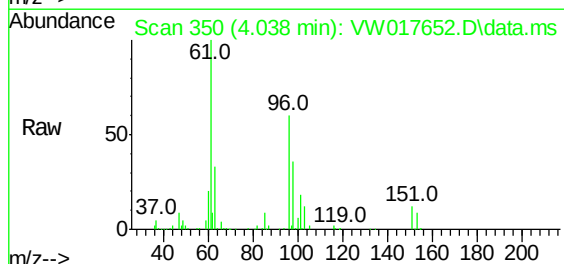
Manual Integrations
APPROVED

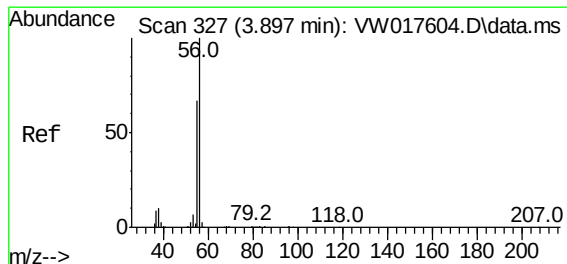
MMDadoda
12/19/2020 12:03:55 PM



1,1-Dichloroethene
Concen: 20.48 ug/l
RT: 4.038 min Scan# 350
Delta R.T. -0.012 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 96 Resp: 51425
Ion Ratio Lower Upper
96 100
61 167.1 111.7 167.5
98 60.6 49.0 73.4





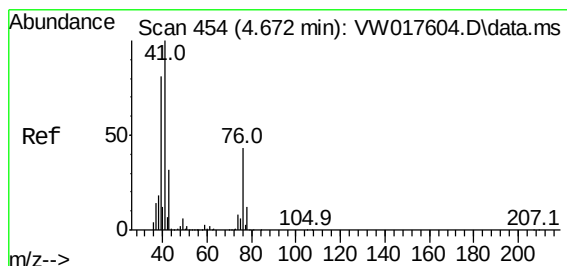
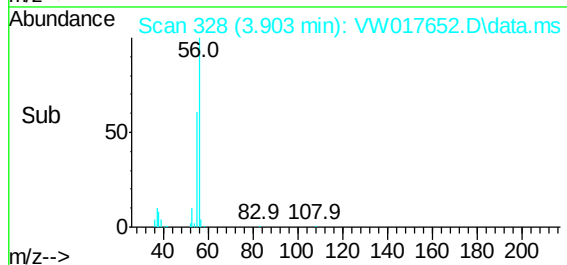
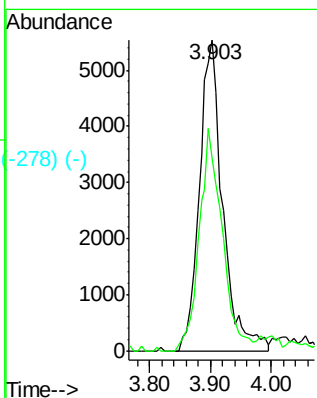
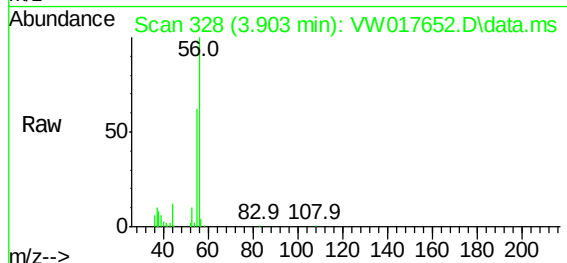
Acrolein
Concen: 90.31 ug/l
RT: 3.903 min Scan# 328
Delta R.T. 0.006 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 56 Resp: 14729
Ion Ratio Lower Upper
56 100
55 70.2 55.9 83.9

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

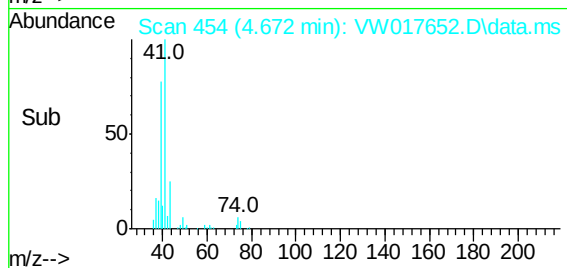
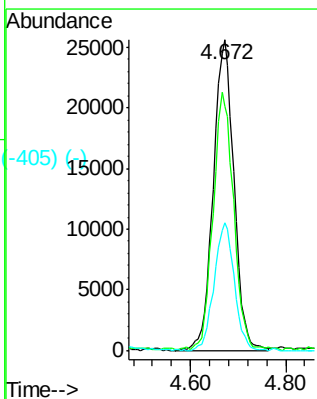
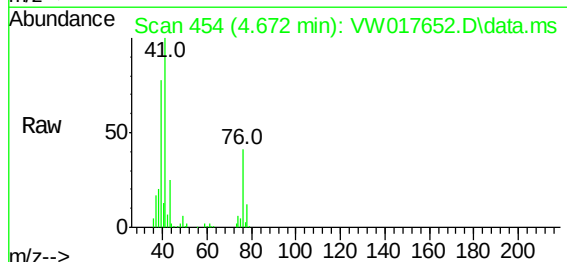
Manual Integrations
APPROVED

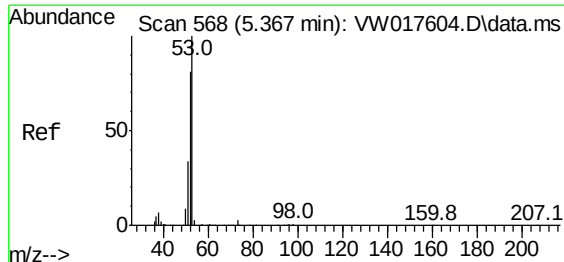
MMDadoda
12/19/2020 12:03:55 PM



Allyl chloride
Concen: 19.93 ug/l
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 41 Resp: 77069
Ion Ratio Lower Upper
41 100
39 82.0 57.8 86.8
76 40.0 35.1 52.7





#55 (-)
Acrylonitrile
Concen: 81.91 ug/l
RT: 5.367 min Scan# 568
Delta R.T. -0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

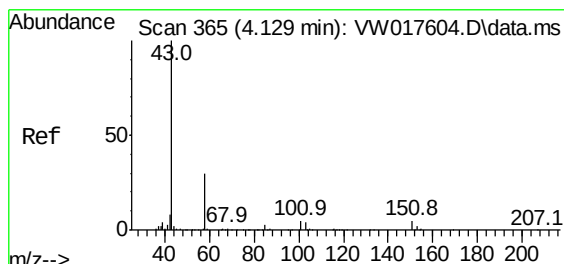
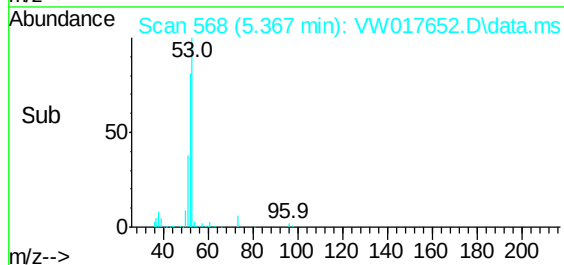
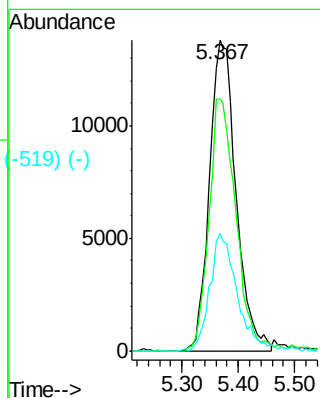
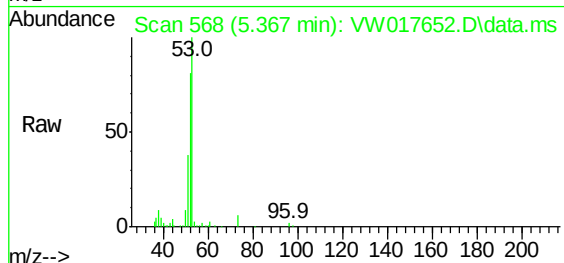
Tgt Ion: 53 Resp: 44785

Ion	Ratio	Lower	Upper
53	100		
52	82.7	65.0	97.4
51	39.1	29.1	43.7

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

Manual Integrations
APPROVED

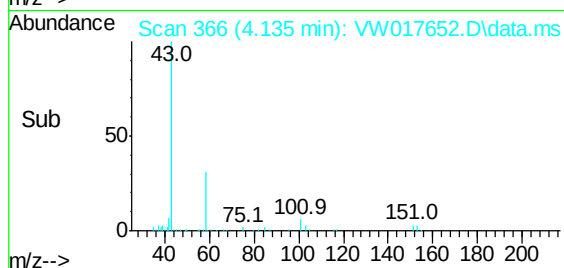
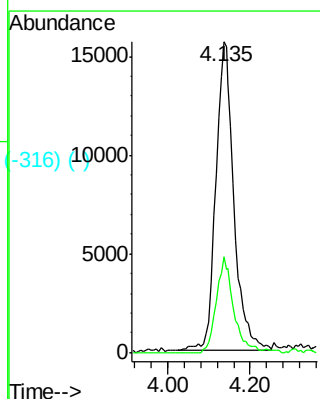
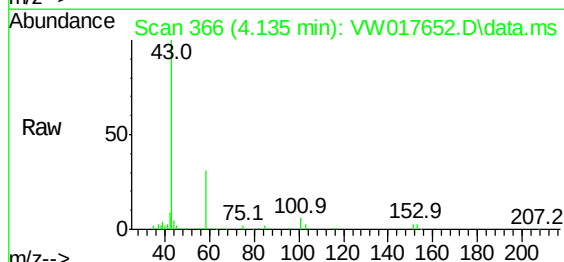
MMDadoda
12/19/2020 12:03:55 PM

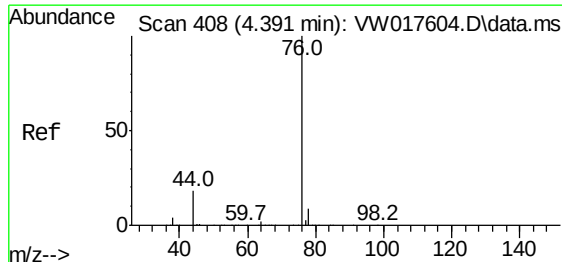


#46 (-)
Acetone
Concen: 83.64 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 43 Resp: 49287

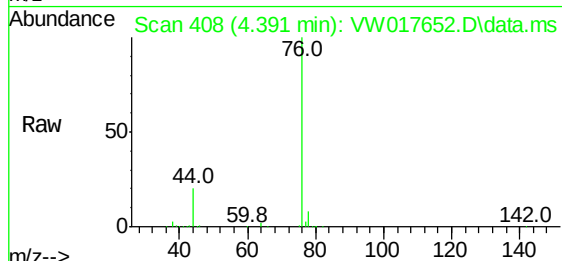
Ion	Ratio	Lower	Upper
43	100		
58	30.8	25.7	38.5





#347 (-)
Carbon Disulfide
Concen: 20.10 ug/l
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

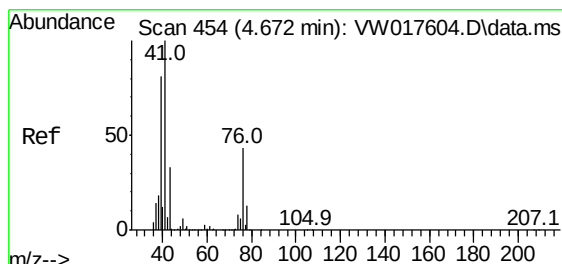
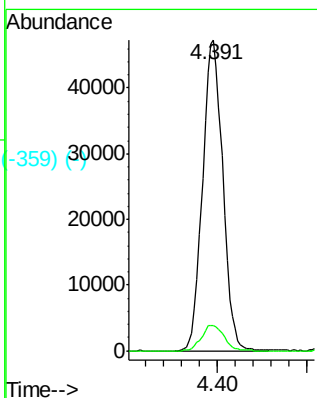
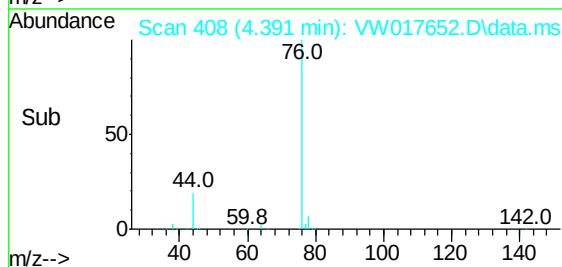
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01



Tgt Ion: 76 Resp: 147547
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.2

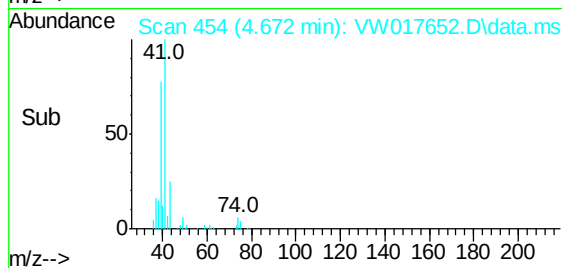
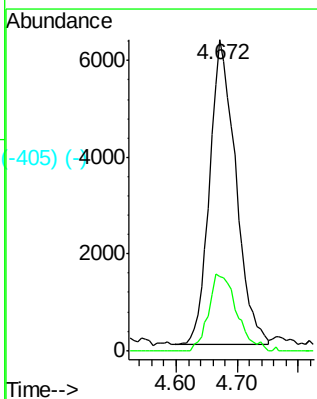
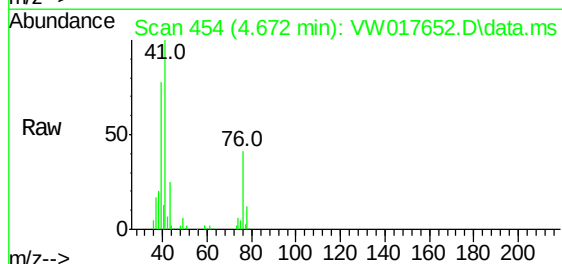
Manual Integrations
APPROVED

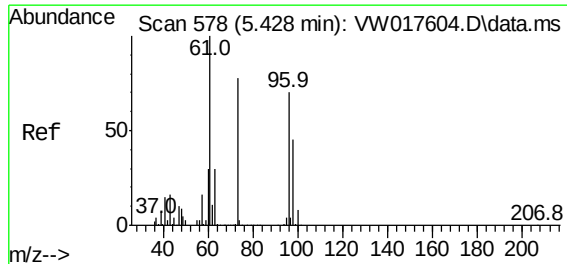
MMDadoda
12/19/2020 12:03:55 PM



#348 (-)
Methyl Acetate
Concen: 15.64 ug/l
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 43 Resp: 18731
Ion Ratio Lower Upper
43 100
74 26.6 23.8 35.6





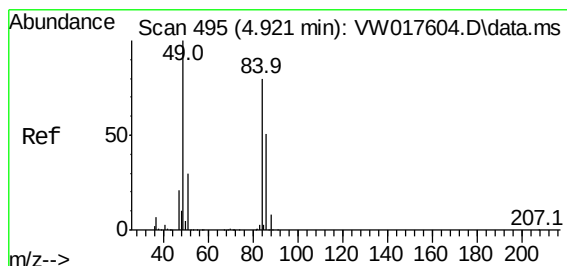
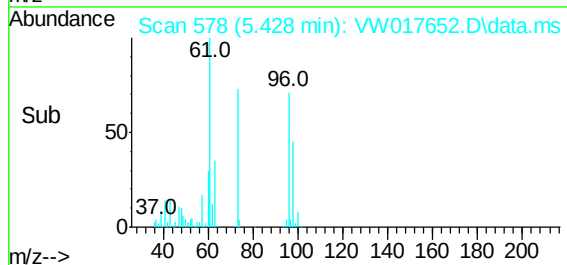
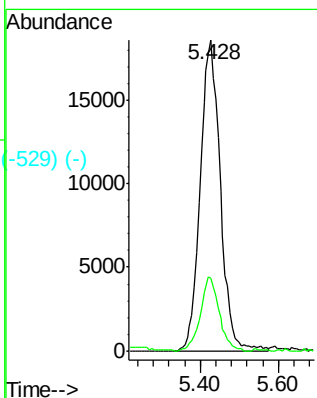
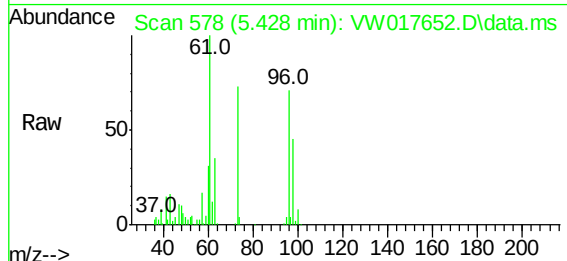
Methyl tert-butyl Ether
Concen: 19.49 ug/l
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 73 Resp: 66214
Ion Ratio Lower Upper
73 100
57 23.6 16.1 24.1

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

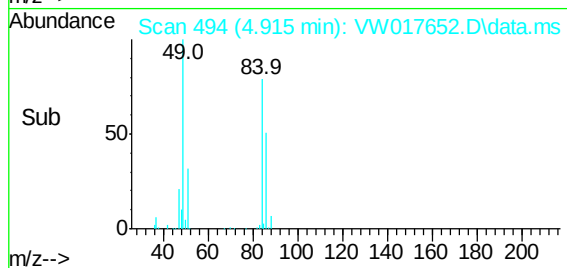
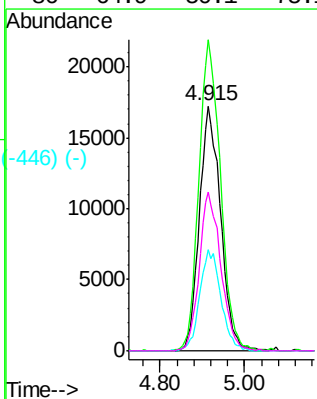
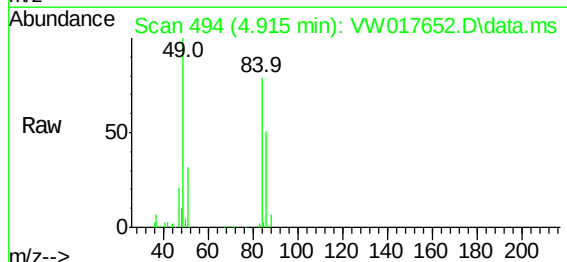
Manual Integrations
APPROVED

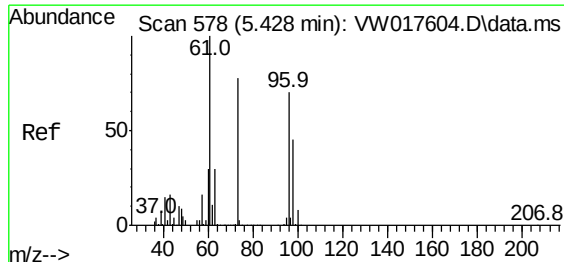
MMDadoda
12/19/2020 12:03:55 PM



Methylene Chloride
Concen: 19.52 ug/l
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 84 Resp: 57510
Ion Ratio Lower Upper
84 100
49 126.6 79.0 118.6#
51 41.1 26.1 39.1#
86 64.9 50.1 75.1





#21 (-)
trans-1,2-Dichloroethene
Concen: 20.37 ug/l
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

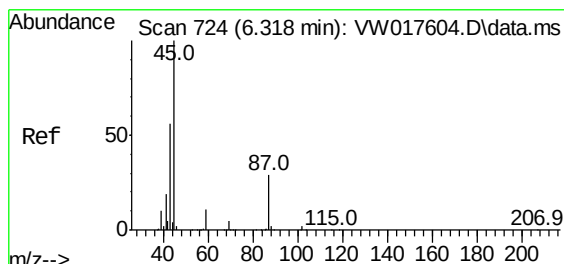
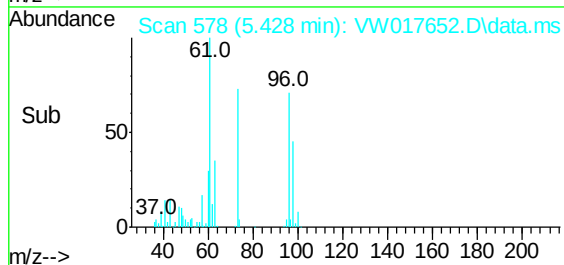
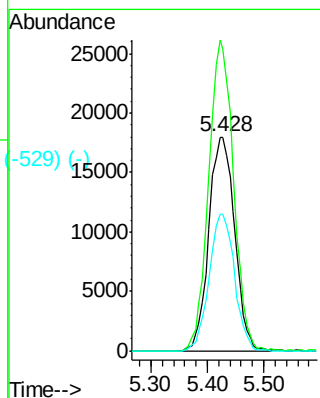
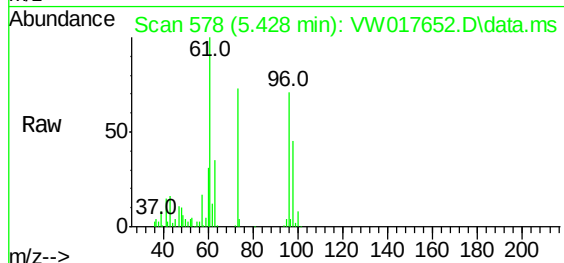
Tgt Ion: 96 Resp: 56814

Ion	Ratio	Lower	Upper
96	100		
61	141.3	97.4	146.0
98	63.8	49.4	74.0

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

Manual Integrations
APPROVED

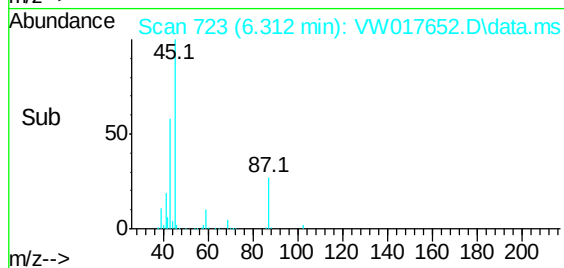
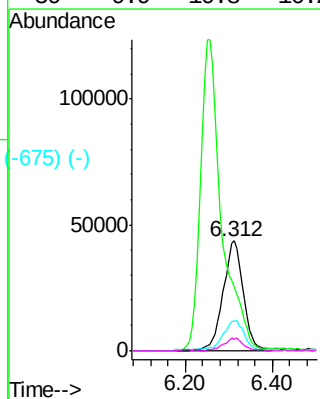
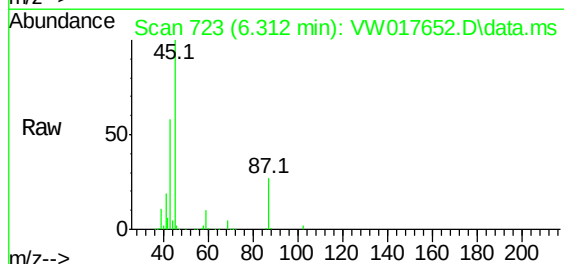
MMDadoda
12/19/2020 12:03:55 PM

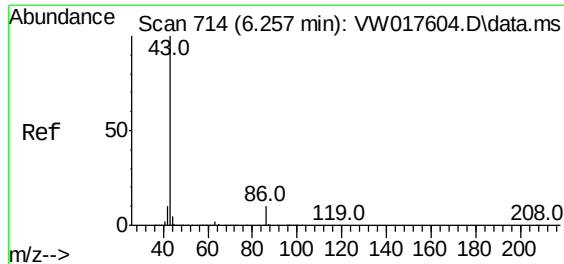


#22 (-)
Diisopropyl ether
Concen: 19.63 ug/l
RT: 6.312 min Scan# 723
Delta R.T. -0.006 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 45 Resp: 138500

Ion	Ratio	Lower	Upper
45	100		
43	57.8	43.8	65.8
87	26.7	27.6	41.4#
59	9.9	10.8	16.2#



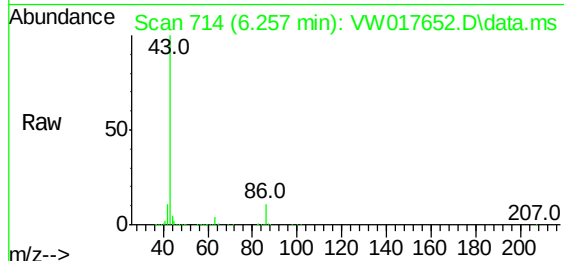


#23 (-)
Vinyl Acetate
Concen: 89.36 ug/l
RT: 6.257 min Scan# 714
Delta R.T. -0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

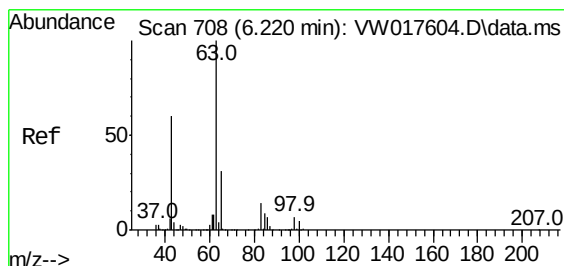
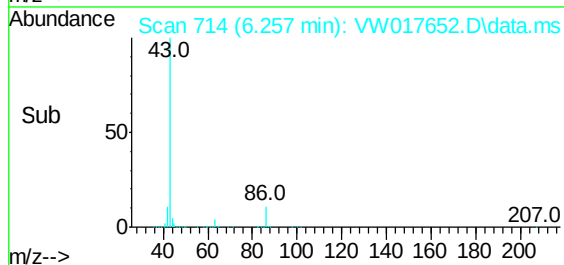
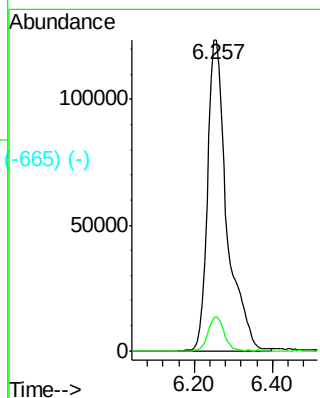
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

Manual Integrations
APPROVED

MMDadoda
12/19/2020 12:03:55 PM

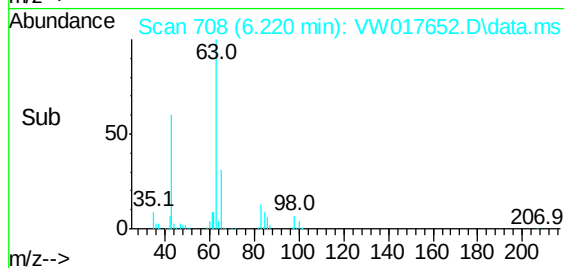
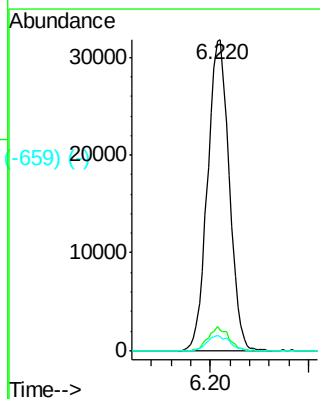
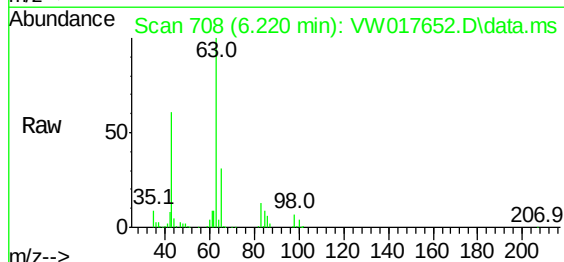


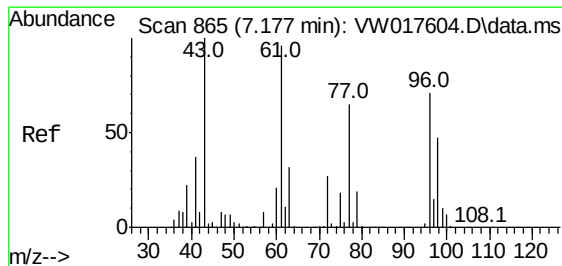
Tgt Ion: 43 Resp: 424429
Ion Ratio Lower Upper
43 100
86 11.1 10.2 15.4



#24 (-)
1,1-Dichloroethane
Concen: 20.36 ug/l
RT: 6.220 min Scan# 708
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 63 Resp: 97548
Ion Ratio Lower Upper
63 100
98 6.6 4.2 12.6
100 4.4 2.6 7.8





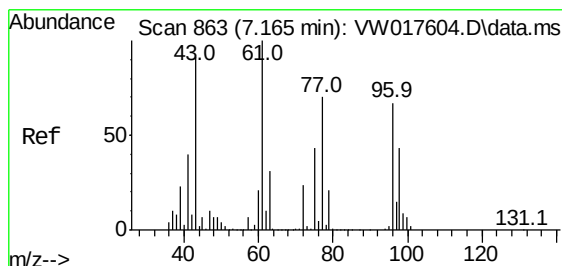
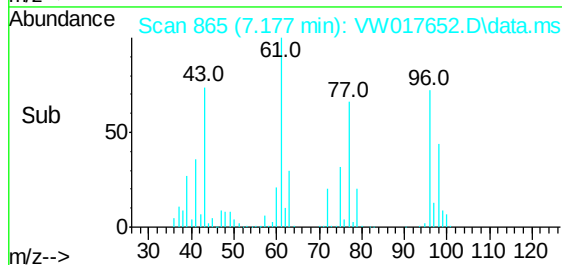
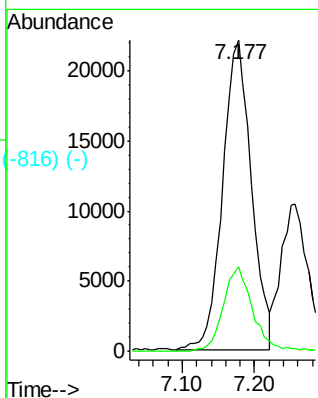
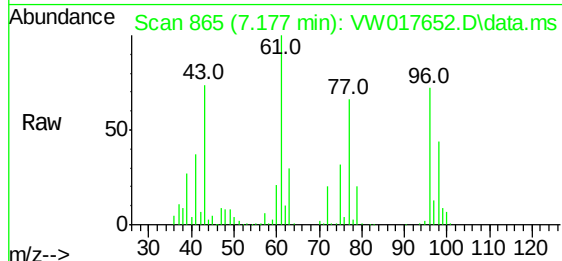
#25 (-)
2-Butanone
Concen: 77.37 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

Tgt Ion: 43 Resp: 60704
Ion Ratio Lower Upper
43 100
72 27.4 25.4 38.2

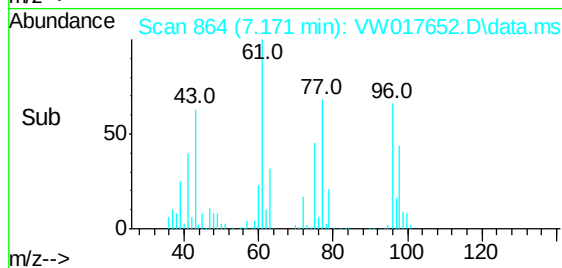
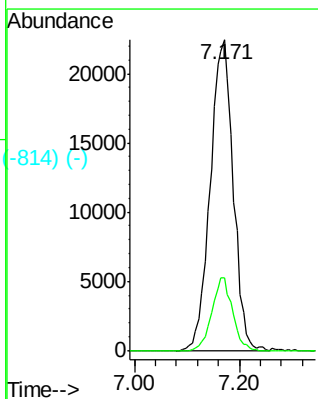
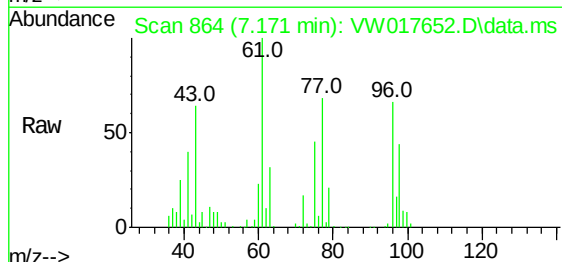
Manual Integrations
APPROVED

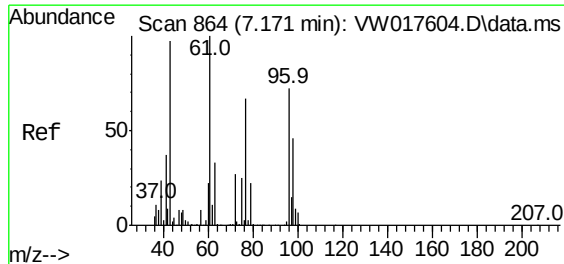
MMDadoda
12/19/2020 12:03:55 PM



#26 (-)
2,2-Dichloropropane
Concen: 18.78 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 77 Resp: 67873
Ion Ratio Lower Upper
77 100
97 21.0 12.4 37.4





#27 (-)
cis-1,2-Dichloroethene
Concen: 20.39 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

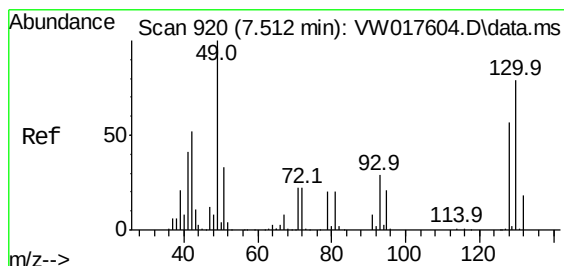
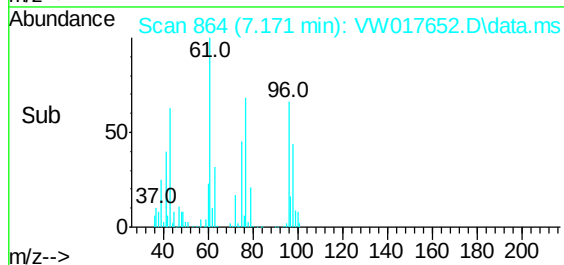
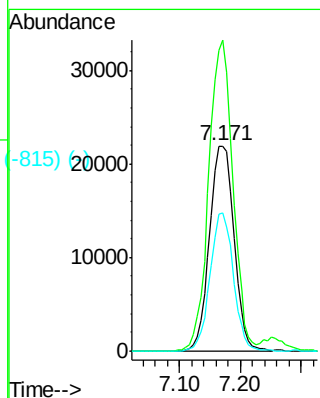
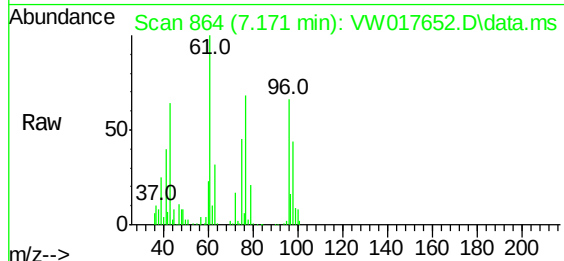
Tgt Ion: 96 Resp: 60735

Ion	Ratio	Lower	Upper
96	100		
61	149.5	0.0	249.6
98	63.9	0.0	129.4

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

Manual Integrations
APPROVED

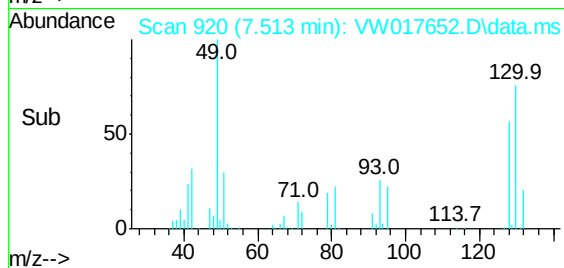
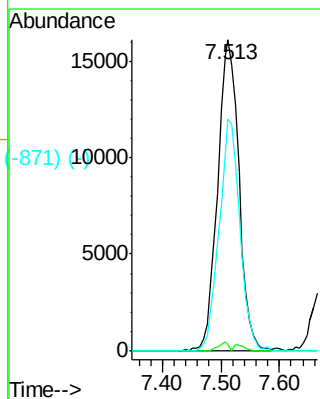
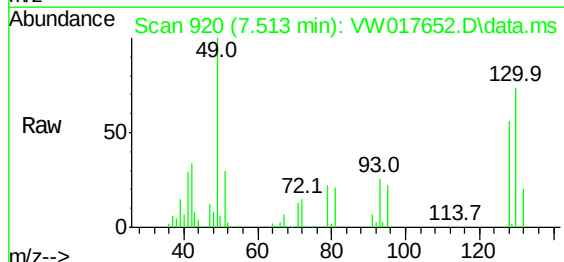
MMDadoda
12/19/2020 12:03:55 PM

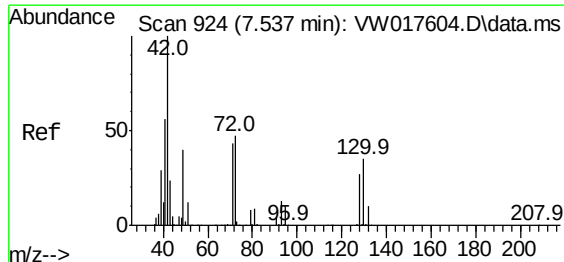


#28 (-)
Bromochloromethane
Concen: 20.02 ug/l
RT: 7.513 min Scan# 920
Delta R.T. 0.001 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 49 Resp: 40788

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.8
130	72.4	81.3	121.9#





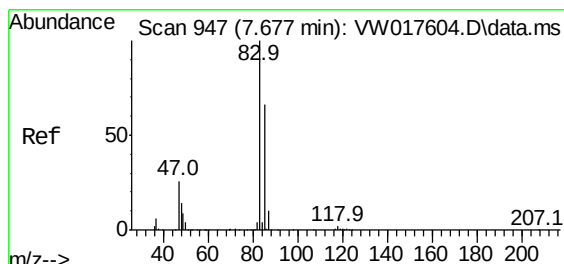
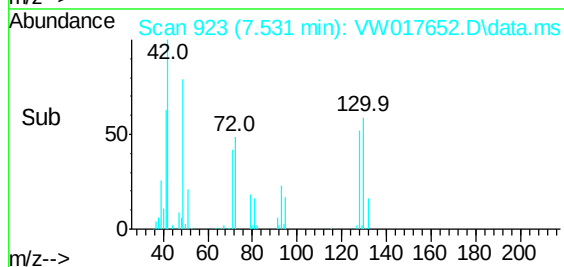
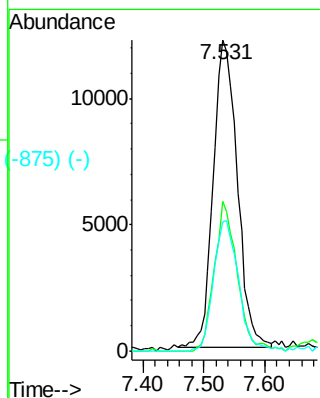
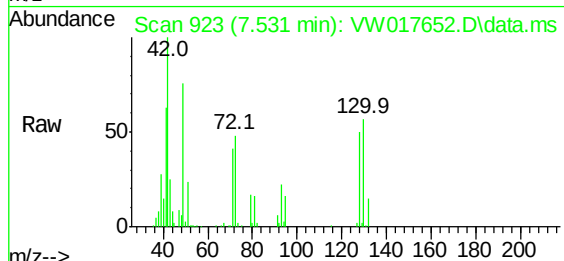
Tetrahydrofuran
Concen: 75.06 ug/l
RT: 7.531 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion:	42	Resp:	33127
Ion	Ratio	Lower	Upper
42	100		
72	46.0	42.0	63.0
71	43.6	39.0	58.6

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

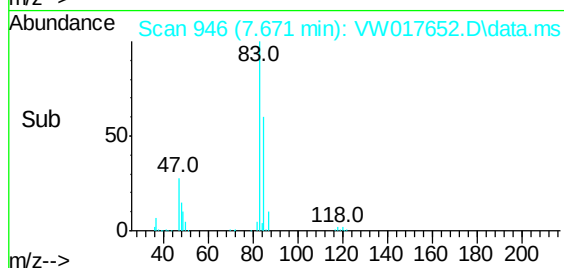
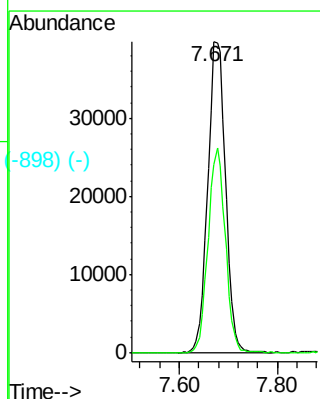
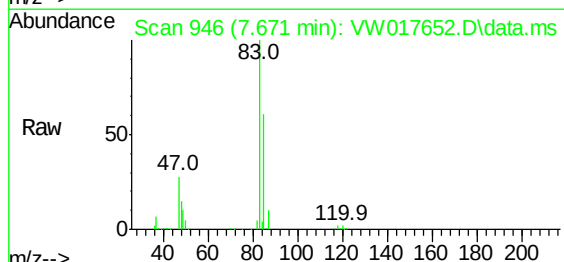
Manual Integrations
APPROVED

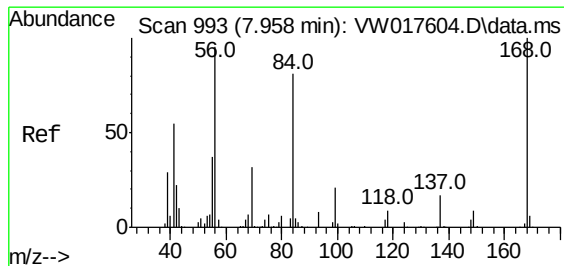
MMDadoda
12/19/2020 12:03:55 PM



Chloroform
Concen: 20.53 ug/l
RT: 7.671 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion:	83	Resp:	99922
Ion	Ratio	Lower	Upper
83	100		
85	60.7	51.7	77.5





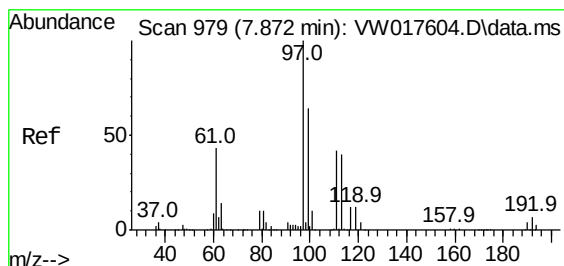
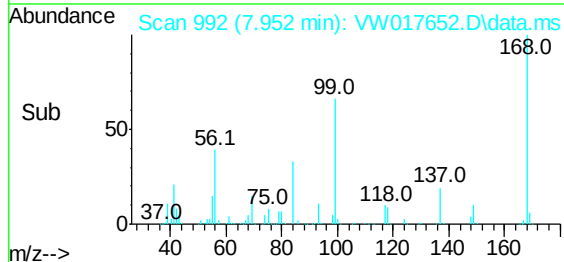
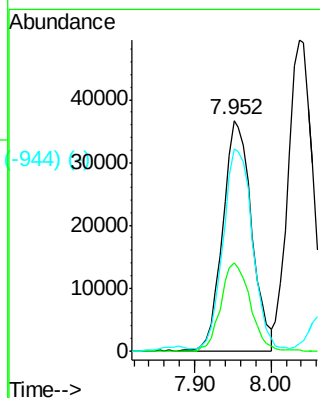
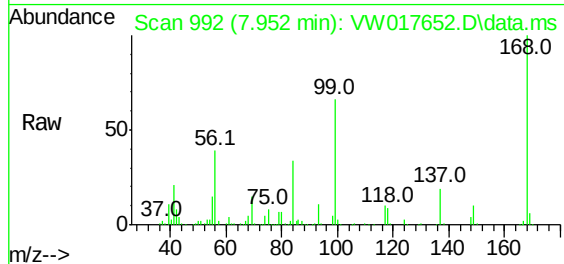
Cyclohexane
Concen: 20.57 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 56 Resp: 96225
Ion Ratio Lower Upper
56 100
69 38.4 29.3 43.9
84 85.7 80.5 120.7

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

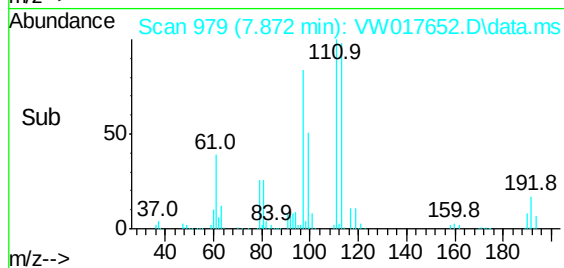
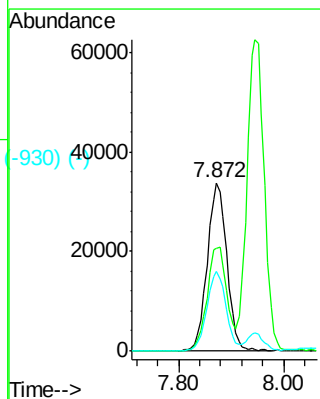
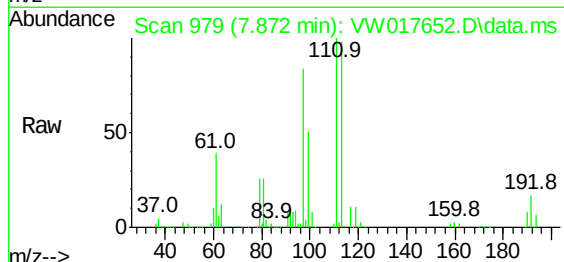
Manual Integrations
APPROVED

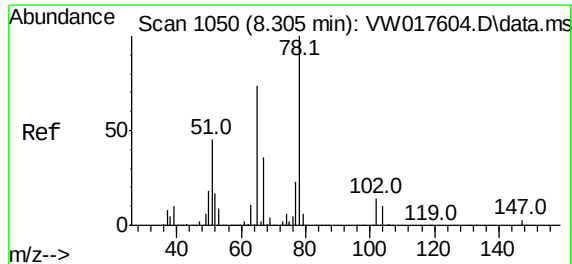
MMDadoda
12/19/2020 12:03:55 PM



1,1,1-Trichloroethane
Concen: 20.76 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 97 Resp: 86331
Ion Ratio Lower Upper
97 100
99 63.3 52.4 78.6
61 46.6 31.9 47.9





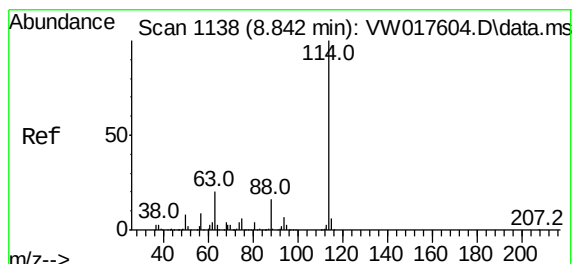
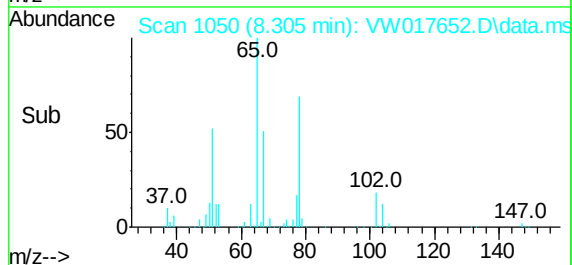
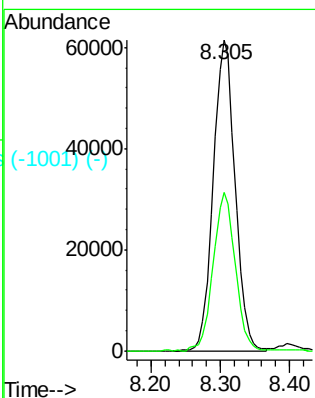
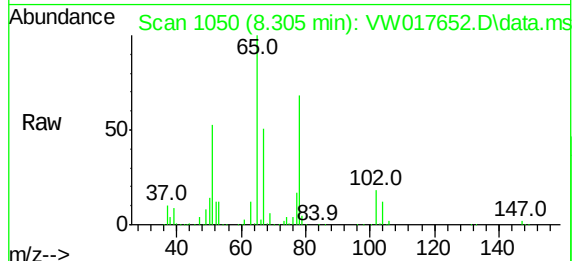
#1084 (-)
 1,2-Dichloroethane-d4
 Concen: 49.88 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. 0.000 min
 Lab File: VW017652.D
 Acq: 16 Dec 2020 10:37

Tgt Ion: 65 Resp: 135083
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.8

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1216SBS01

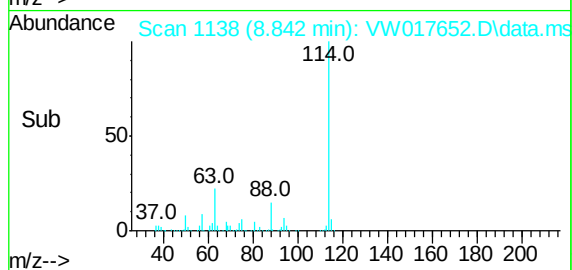
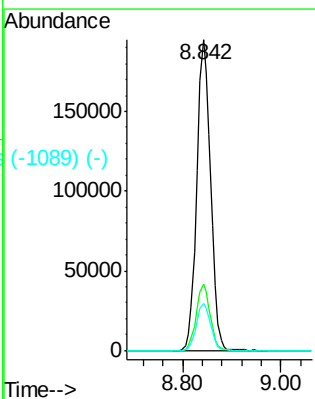
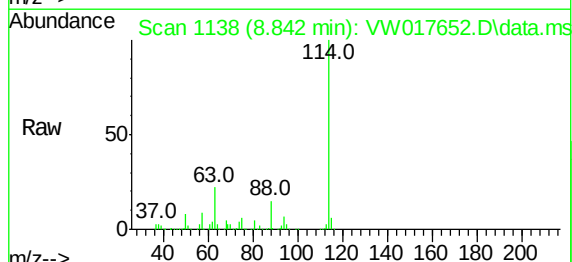
Manual Integrations
 APPROVED

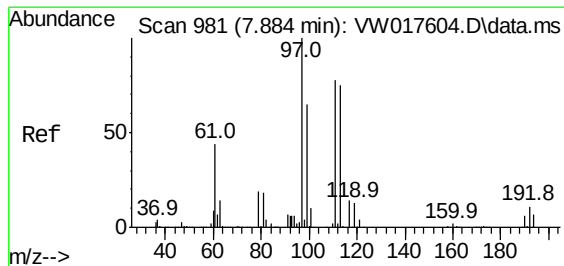
MMDadoda
 12/19/2020 12:03:55 PM



#1128 (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.842 min Scan# 1138
 Delta R.T. -0.000 min
 Lab File: VW017652.D
 Acq: 16 Dec 2020 10:37

Tgt Ion:114 Resp: 379596
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 35.6
 88 15.1 0.0 30.4





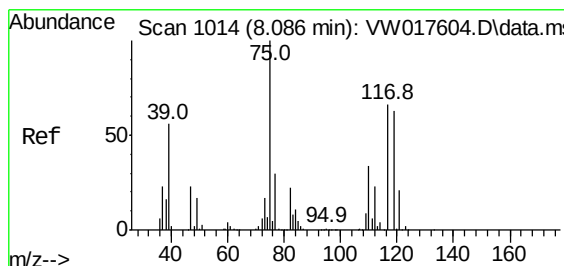
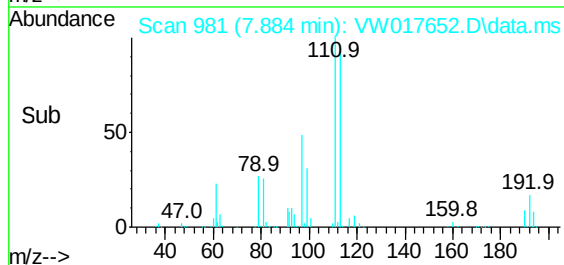
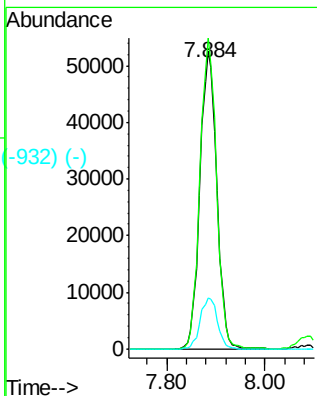
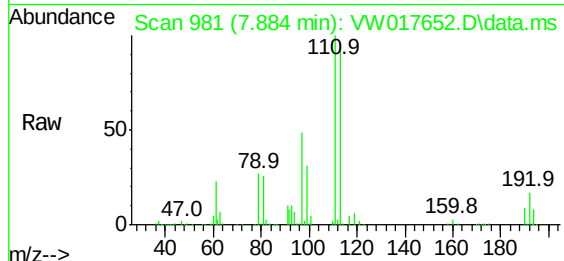
#935 (-)
Dibromofluoromethane
Concen: 49.87 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 113 Resp: 125263
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.2
192 17.2 17.8 26.8#

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

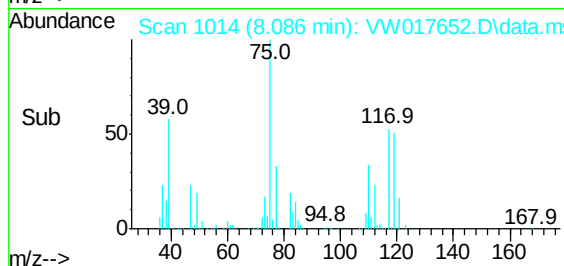
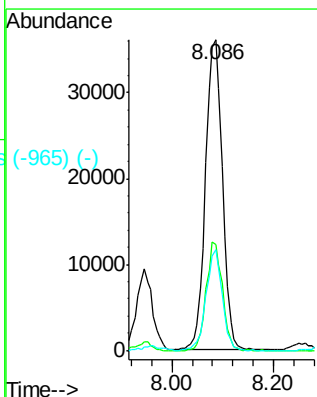
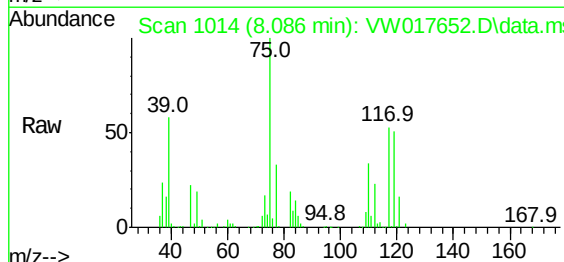
Manual Integrations
APPROVED

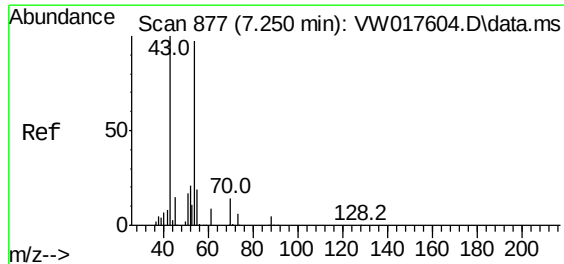
MMDadoda
12/19/2020 12:03:55 PM



#1001 (-)
1,1-Dichloropropene
Concen: 20.88 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 75 Resp: 82965
Ion Ratio Lower Upper
75 100
110 33.2 19.3 57.9
77 31.1 25.0 37.6





Ethyl Acetate
Concen: 16.61 ug/l
RT: 7.257 min Scan# 878
Delta R.T. 0.007 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

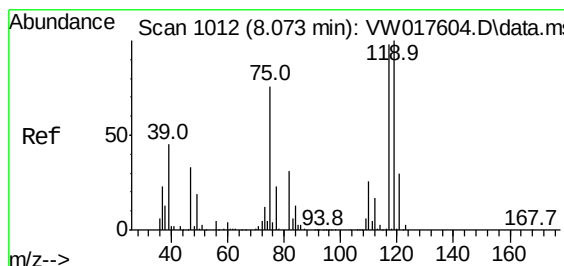
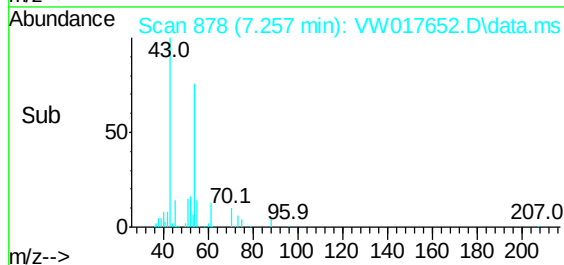
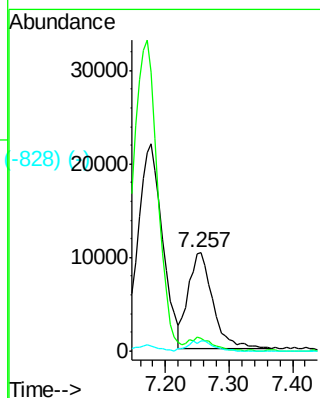
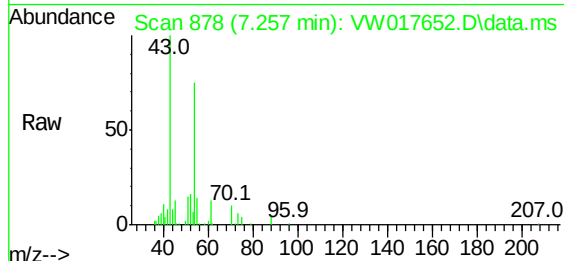
Tgt Ion: 43 Resp: 27584

Ion	Ratio	Lower	Upper
43	100		
61	13.9	12.0	18.0
70	10.1	9.9	14.9

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

Manual Integrations
APPROVED

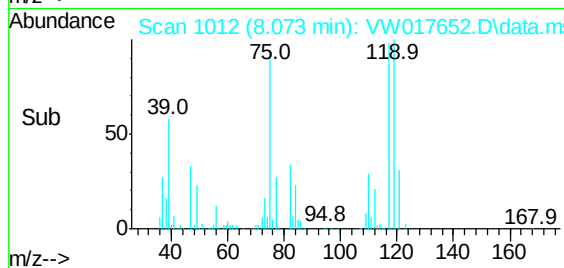
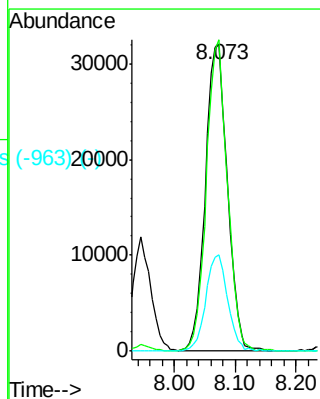
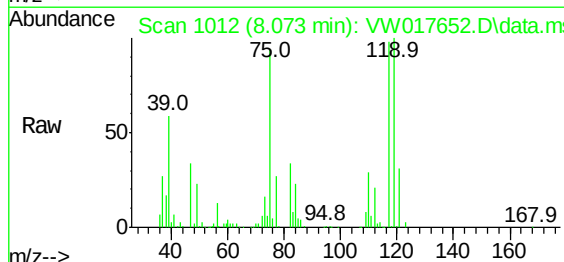
MMDadoda
12/19/2020 12:03:55 PM

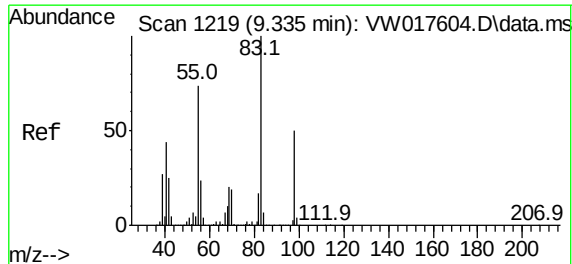


Carbon Tetrachloride
Concen: 20.03 ug/l
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 117 Resp: 79993

Ion	Ratio	Lower	Upper
117	100		
119	101.8	81.6	122.4
121	31.5	25.7	38.5



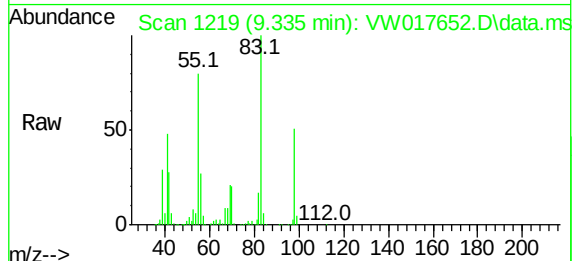


(#120) (-)
Methylcyclohexane
Concen: 20.20 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

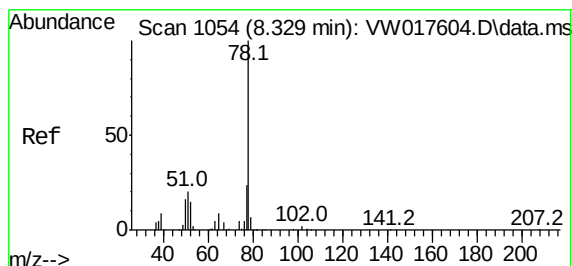
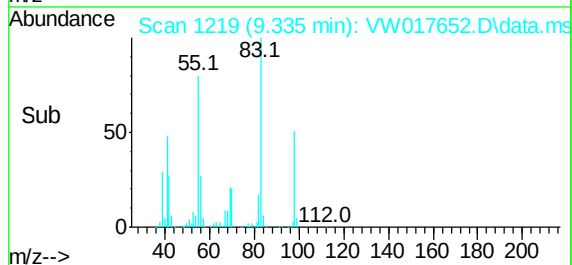
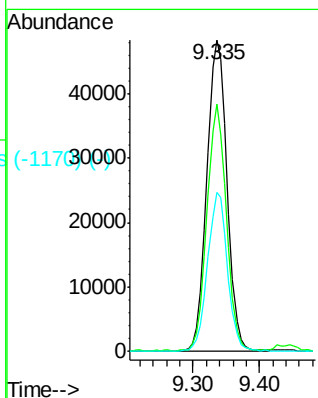
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

Manual Integrations
APPROVED

MMDadoda
12/19/2020 12:03:55 PM

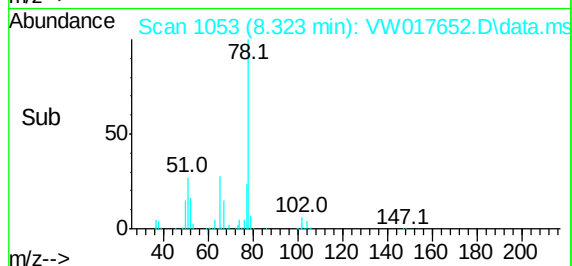
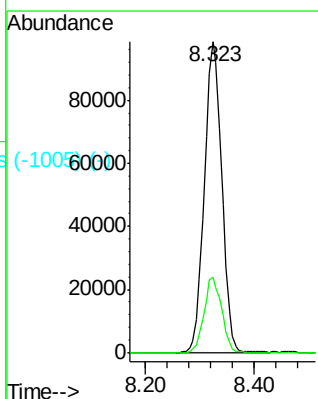
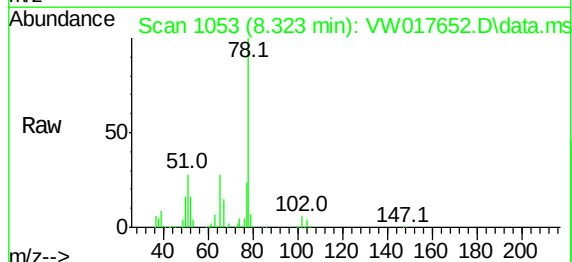


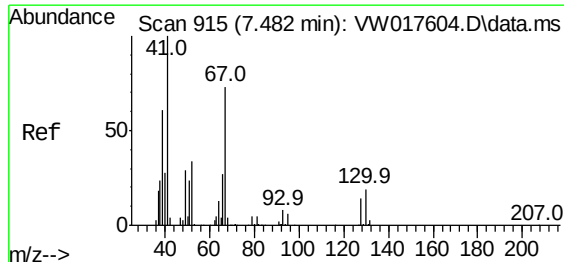
Tgt Ion: 83 Resp: 101699
Ion Ratio Lower Upper
83 100
55 79.5 51.7 77.5#
98 51.1 41.0 61.4



(#109) (-)
Benzene
Concen: 20.74 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 78 Resp: 218308
Ion Ratio Lower Upper
78 100
77 24.4 18.5 27.7





Methacrylonitrile
Concen: 16.72 ug/l
RT: 7.482 min Scan# 915
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

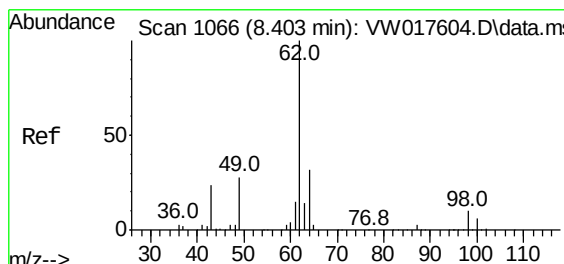
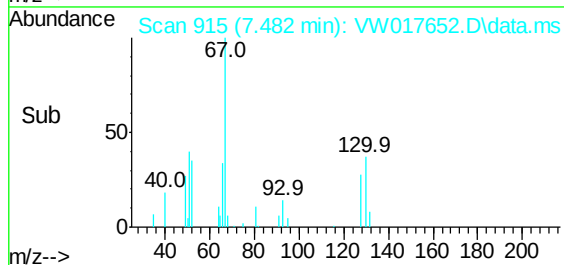
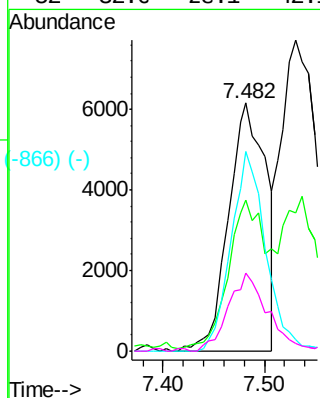
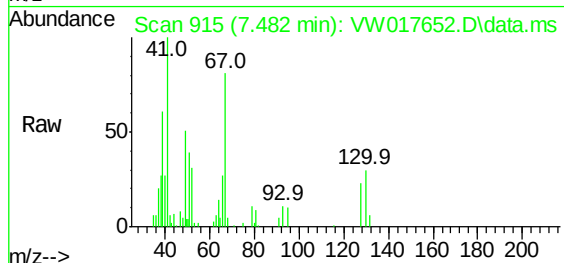
Tgt Ion: 41 Resp: 15690

Ion	Ratio	Lower	Upper
41	100		
39	65.2	47.0	70.6
67	75.1	68.6	102.8
52	32.6	28.1	42.1

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

Manual Integrations
APPROVED

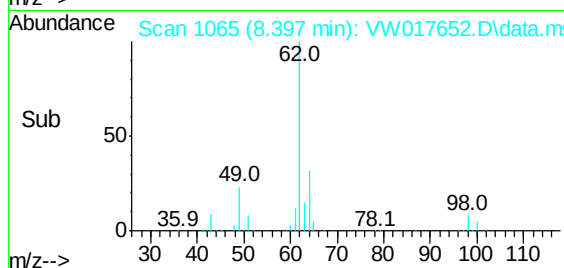
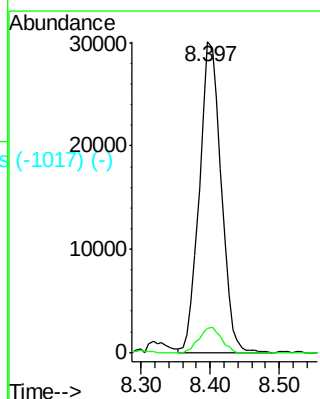
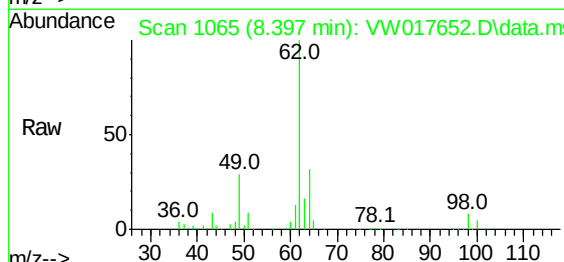
MMDadoda
12/19/2020 12:03:55 PM

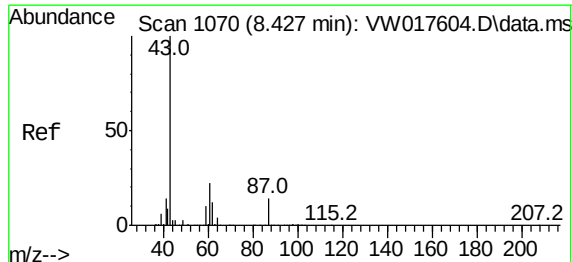


1,2-Dichloroethane
Concen: 20.35 ug/l
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 62 Resp: 65238

Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	21.0



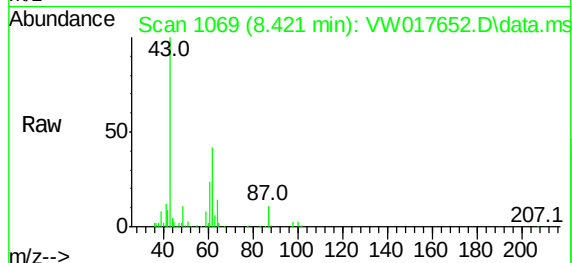


(#1061) (-)
Isopropyl Acetate
Concen: 17.09 ug/l
RT: 8.421 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

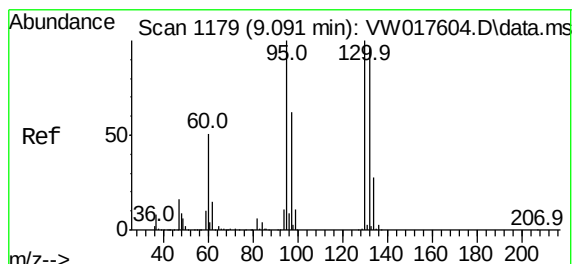
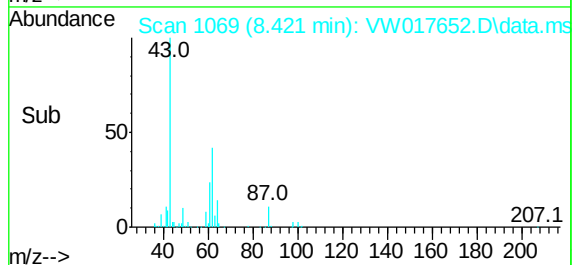
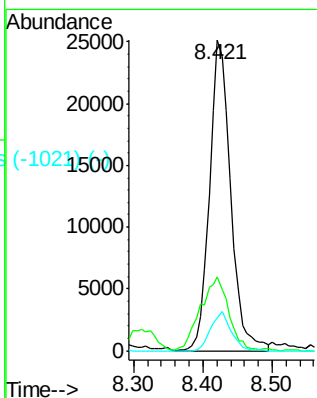
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

Manual Integrations
APPROVED

MMDadoda
12/19/2020 12:03:55 PM

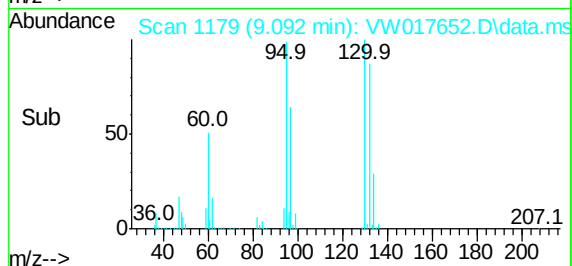
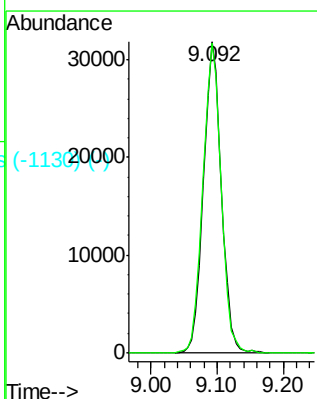
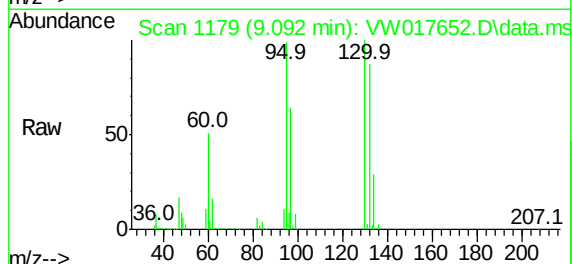


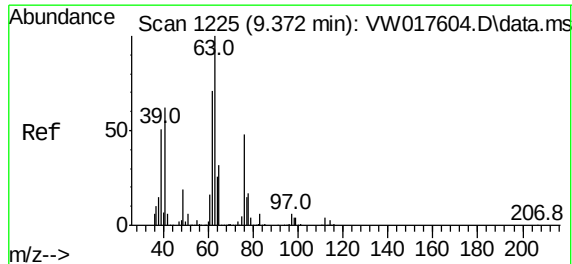
Tgt Ion: 43 Resp: 53263
Ion Ratio Lower Upper
43 100
61 30.6 27.5 41.3
87 12.2 13.6 20.4#



(#1169) (-)
Trichloroethene
Concen: 20.52 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion:130 Resp: 59599
Ion Ratio Lower Upper
130 100
95 99.5 0.0 180.2



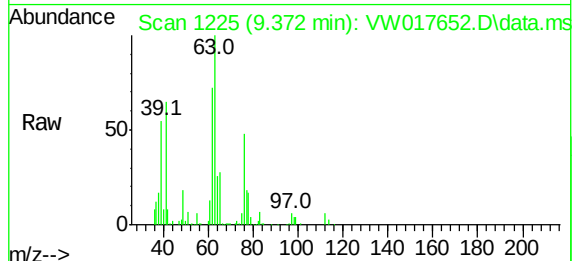


(#1213) (-)
1,2-Dichloropropane
Concen: 20.42 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

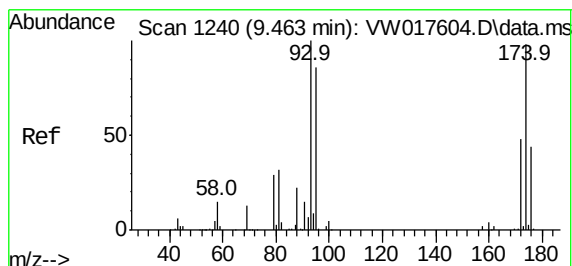
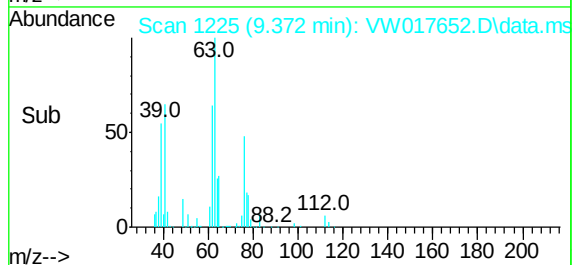
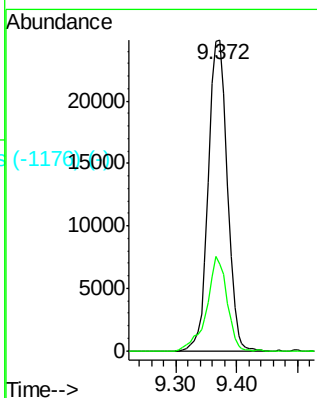
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

Manual Integrations
APPROVED

MMDadoda
12/19/2020 12:03:55 PM

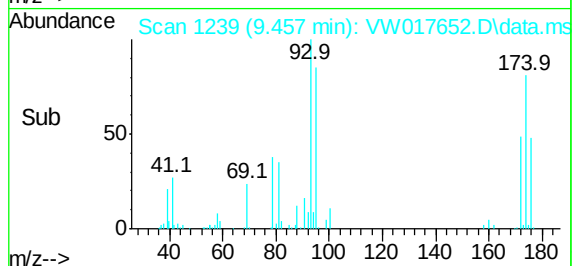
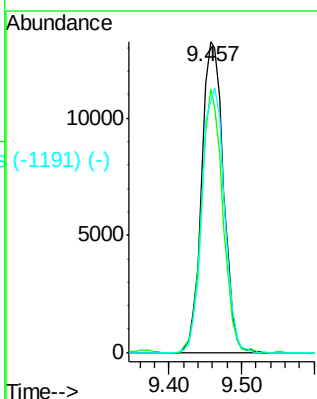
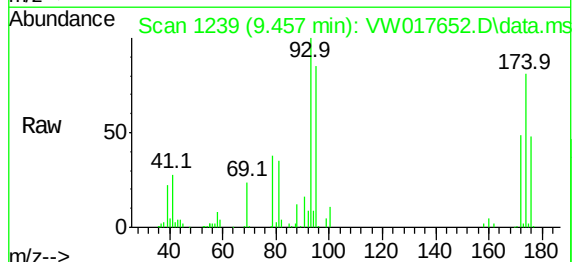


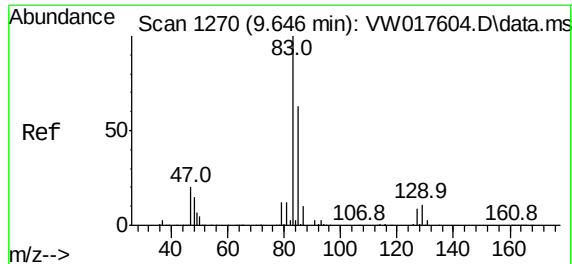
Tgt Ion: 63 Resp: 53045
Ion Ratio Lower Upper
63 100
65 28.0 25.1 37.7



(#1229) (-)
Dibromomethane
Concen: 19.05 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 93 Resp: 27686
Ion Ratio Lower Upper
93 100
95 82.8 66.5 99.7
174 87.3 91.0 136.6#



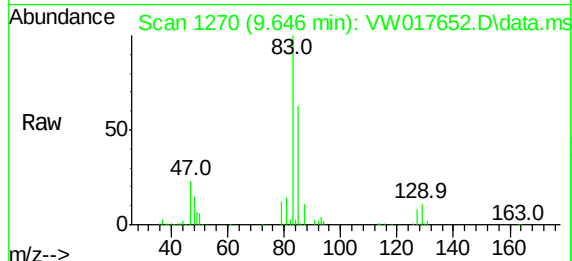


(#1258) (-)
Bromodichloromethane
Concen: 19.81 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

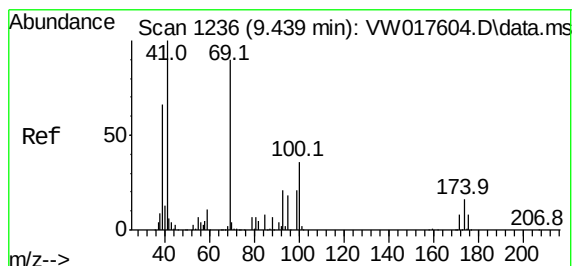
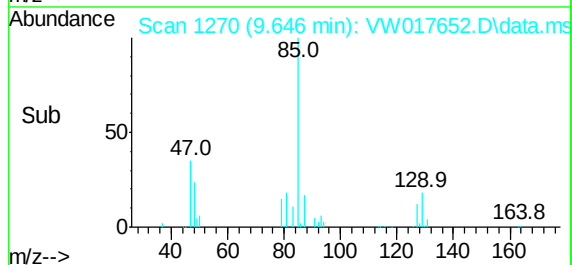
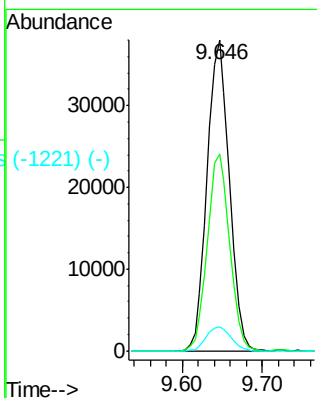
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

Manual Integrations
APPROVED

MMDadoda
12/19/2020 12:03:55 PM

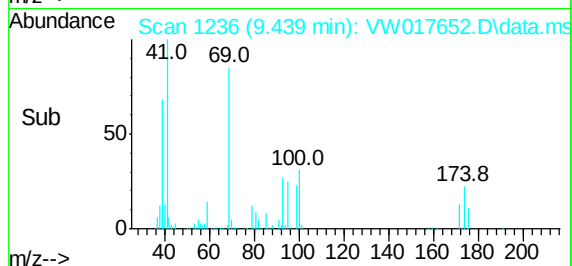
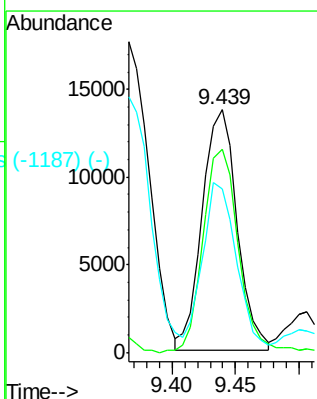
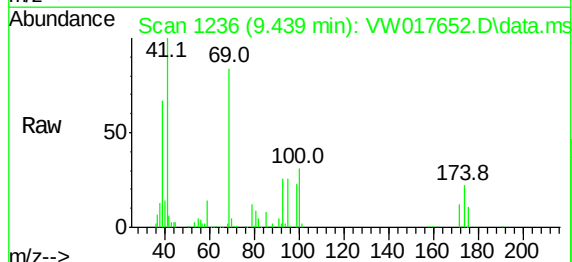


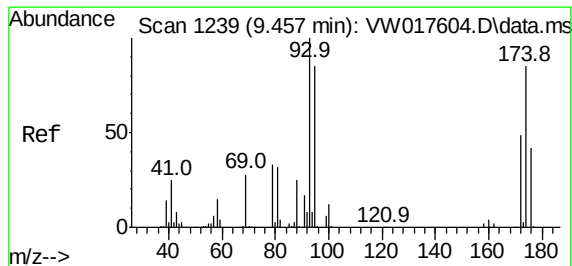
Tgt Ion: 83 Resp: 73374
Ion Ratio Lower Upper
83 100
85 63.5 52.7 79.1
127 7.9 7.8 11.6



(#1180) (-)
Methyl methacrylate
Concen: 16.79 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 41 Resp: 25672
Ion Ratio Lower Upper
41 100
69 86.5 83.5 125.3
39 62.9 50.9 76.3



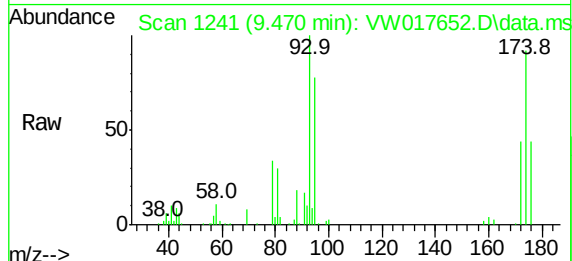


#1230 (-)
1,4-Dioxane
Concen: 319.07 ug/l
RT: 9.470 min Scan# 1241
Delta R.T. 0.013 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

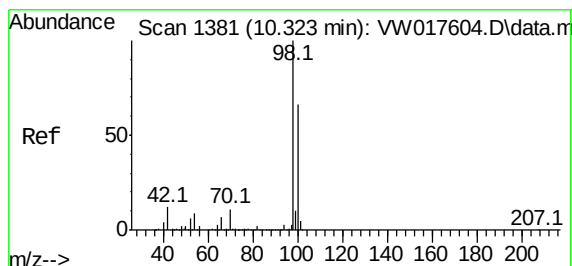
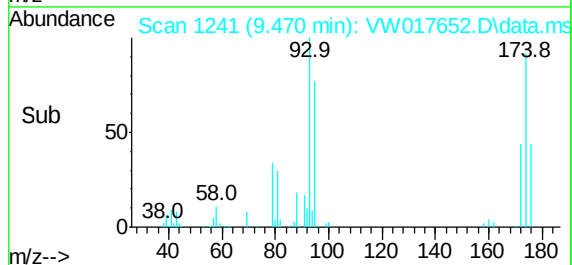
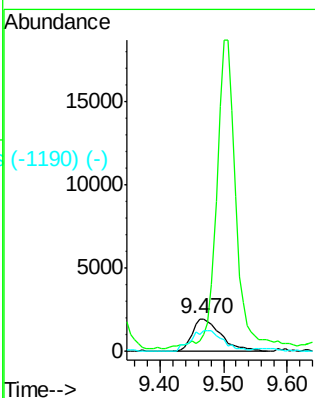
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

Manual Integrations
APPROVED

MMDadoda
12/19/2020 12:03:55 PM

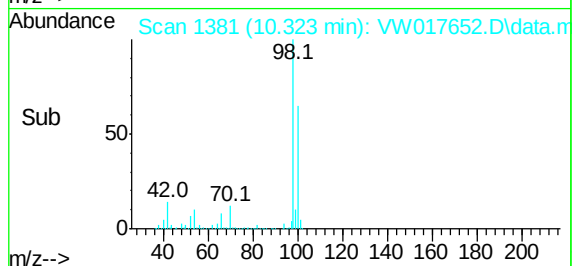
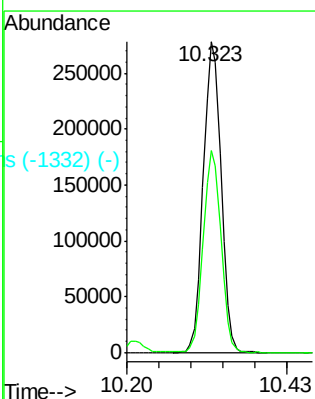
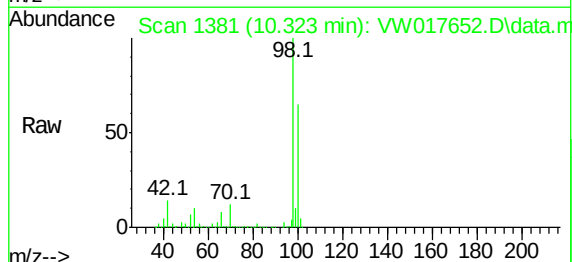


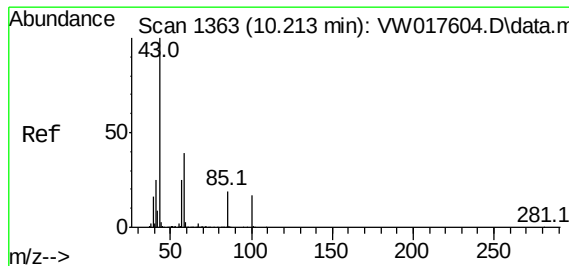
Tgt Ion: 88 Resp: 5737
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 70.5 54.0 81.0



#1371 (-)
To Luene-d8
Concen: 50.48 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 98 Resp: 493686
Ion Ratio Lower Upper
98 100
100 64.6 53.3 79.9



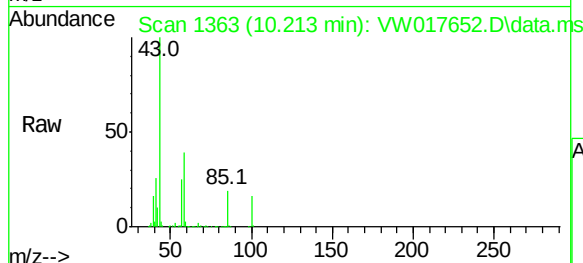


#51353 (-)
4-Methyl-2-Pentanone
Concen: 79.32 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

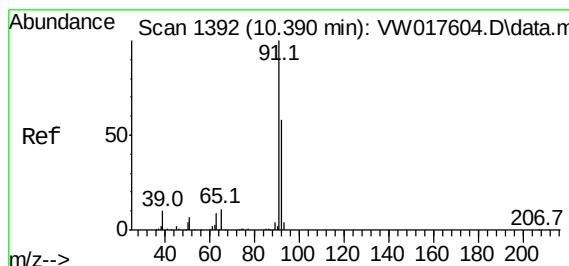
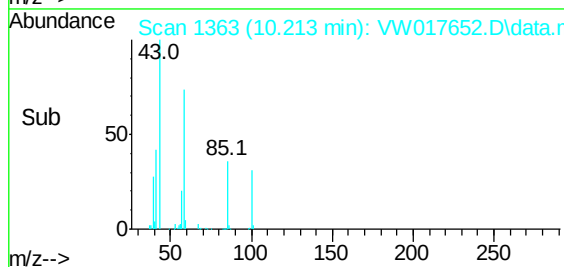
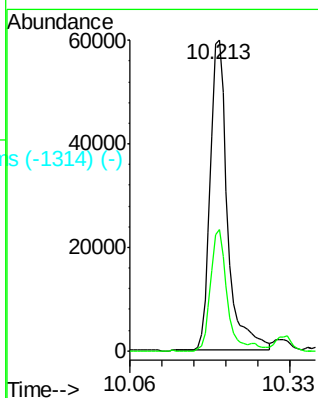
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

Manual Integrations
APPROVED

MMDadoda
12/19/2020 12:03:55 PM

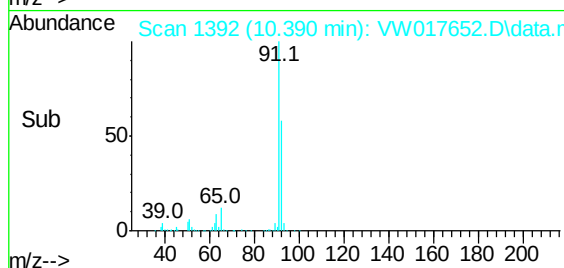
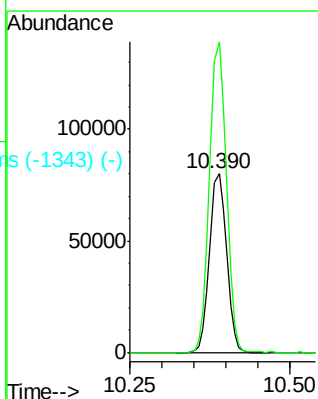
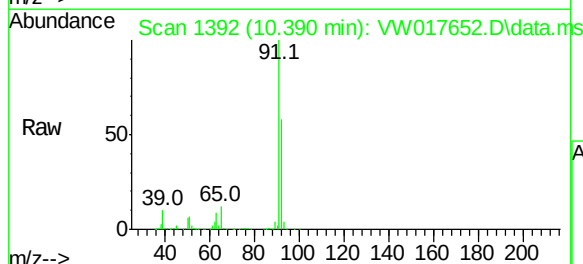


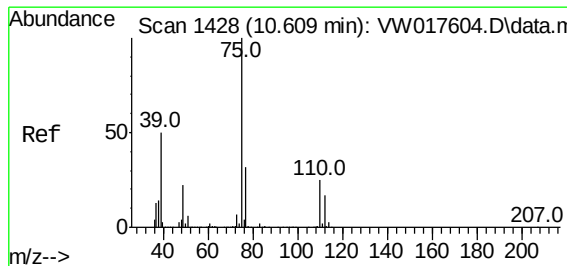
Tgt Ion: 43 Resp: 123004
Ion Ratio Lower Upper
43 100
58 37.9 34.7 52.1



#51383 (-)
ToLuene
Concen: 20.70 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 92 Resp: 142507
Ion Ratio Lower Upper
92 100
91 173.1 134.7 202.1



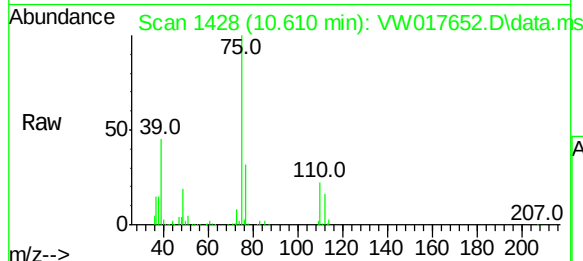


#54
t-1,3-Dichloropropene
Concen: 18.42 ug/l
RT: 10.610 min Scan# 1428
Delta R.T. 0.001 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

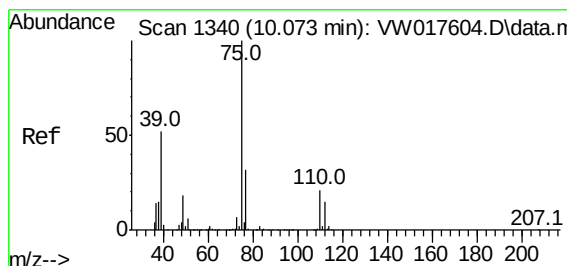
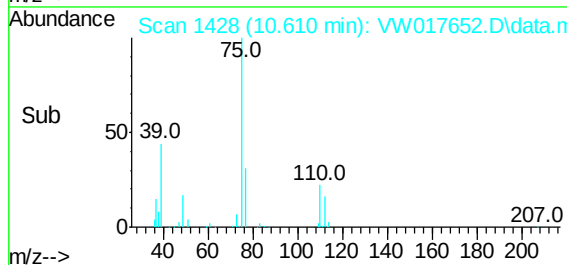
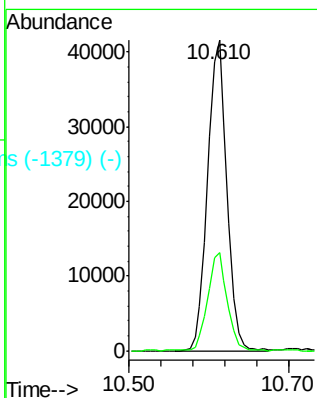
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

Manual Integrations
APPROVED

MMDadoda
12/19/2020 12:03:55 PM

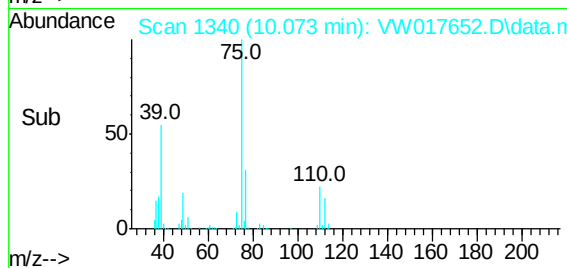
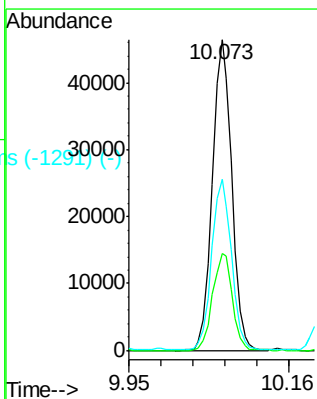
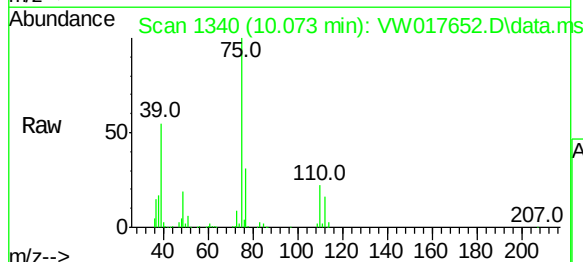


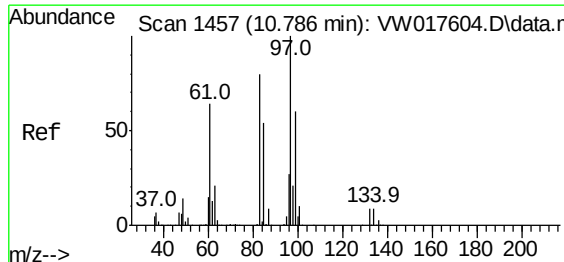
Tgt Ion: 75 Resp: 69846
Ion Ratio Lower Upper
75 100
77 31.7 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 18.69 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

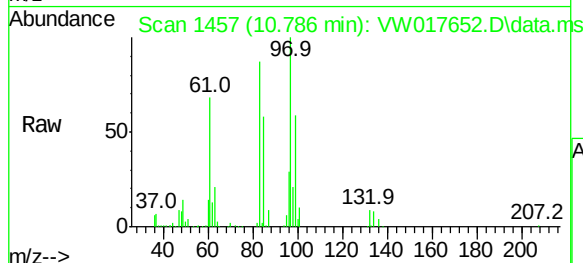
Tgt Ion: 75 Resp: 81938
Ion Ratio Lower Upper
75 100
77 31.1 25.8 38.6
39 54.9 32.9 49.3#





#55450 (-)
1,1,2-Trichloroethane
Concen: 19.08 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

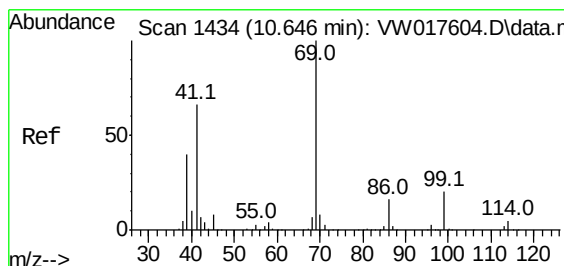
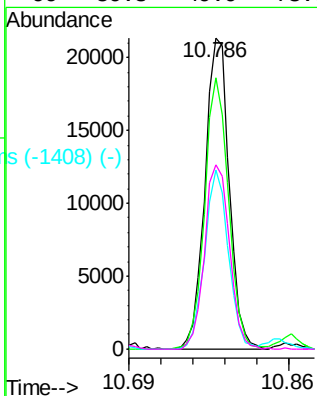
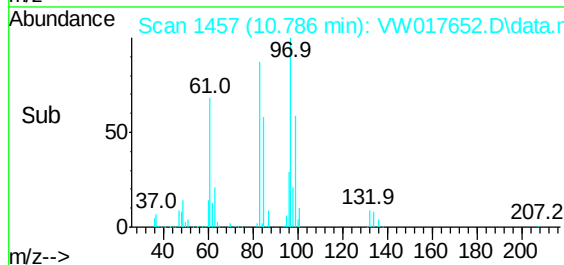
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01



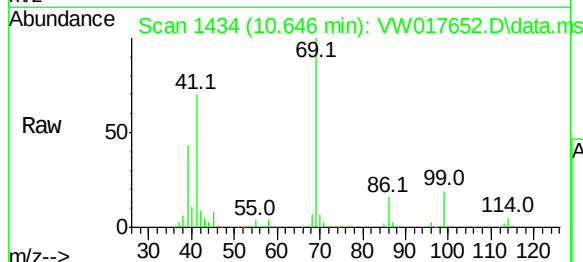
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.9	64.6	97.0
85	57.7	40.6	61.0
99	59.3	49.0	73.6

Manual Integrations
APPROVED

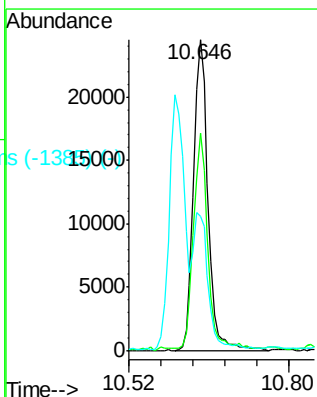
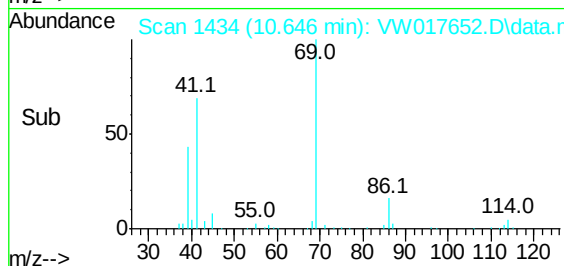
MMDadoda
12/19/2020 12:03:55 PM

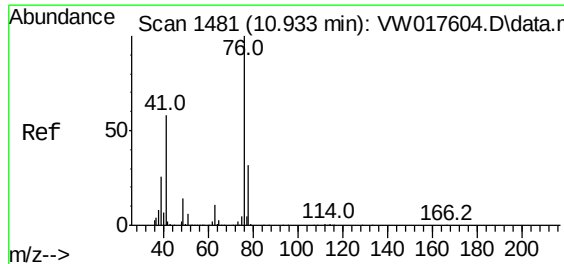


#55423 (-)
Ethyl methacrylate
Concen: 16.64 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37



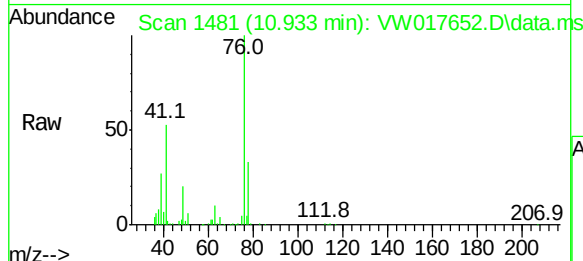
Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.6	46.3	69.5
39	42.6	25.9	38.9#





#1472 (-)
1,3-Dichloropropane
Concen: 19.31 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

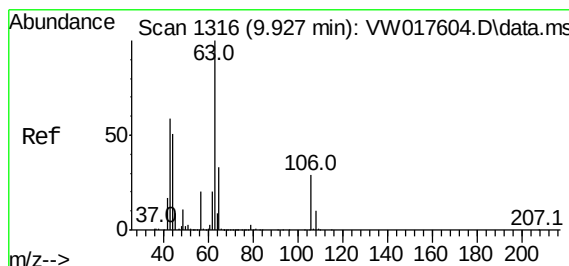
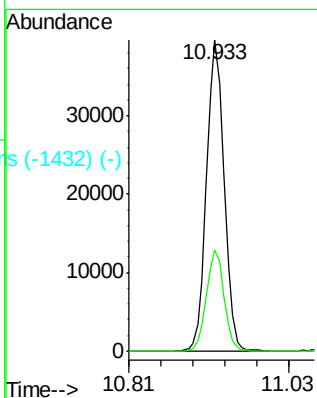
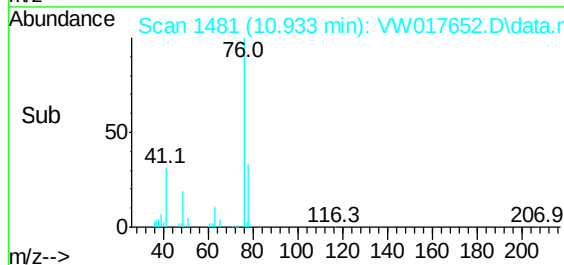
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01



Tgt Ion: 76 Resp: 66308
Ion Ratio Lower Upper
76 100
78 32.4 26.0 39.0

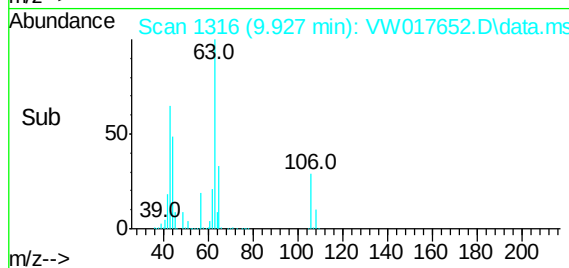
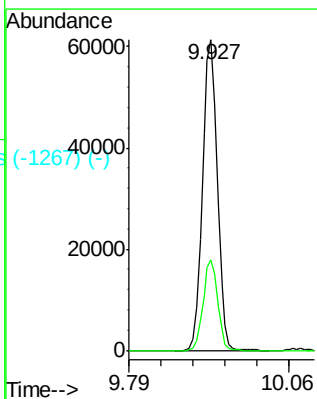
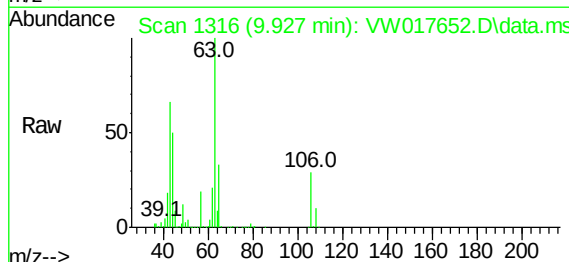
Manual Integrations
APPROVED

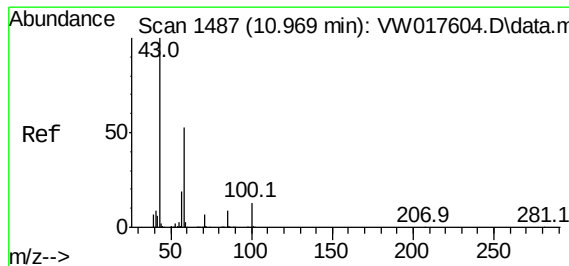
MMDadoda
12/19/2020 12:03:55 PM



#1587 (-)
2-Chloroethyl Vinyl ether
Concen: 89.19 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

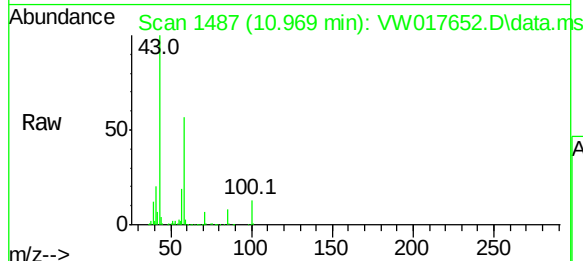
Tgt Ion: 63 Resp: 107088
Ion Ratio Lower Upper
63 100
106 28.4 27.0 40.4





#59
2-Hexanone
Concen: 80.02 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

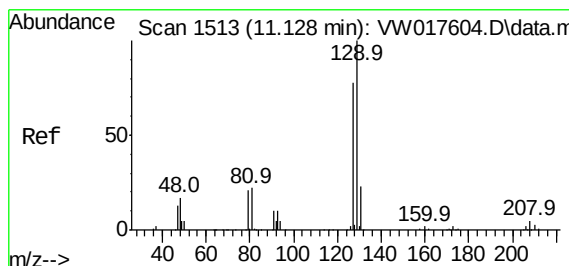
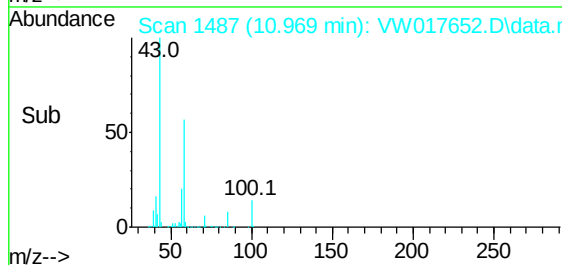
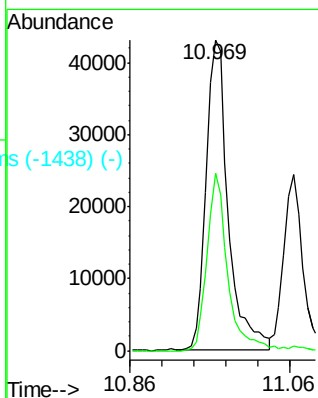
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01



Tgt Ion: 43 Resp: 83022
Ion Ratio Lower Upper
43 100
58 53.7 29.5 88.5

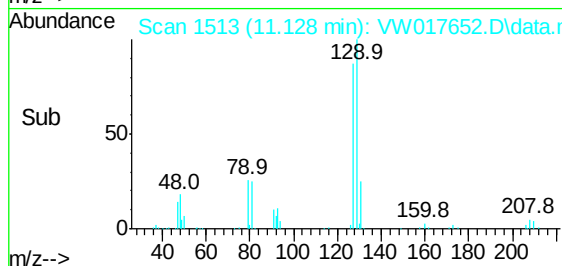
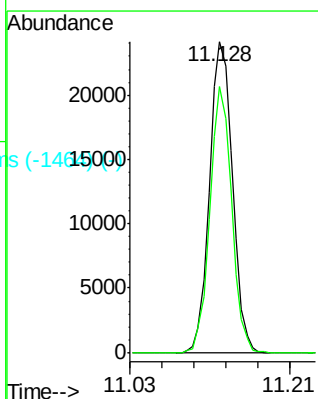
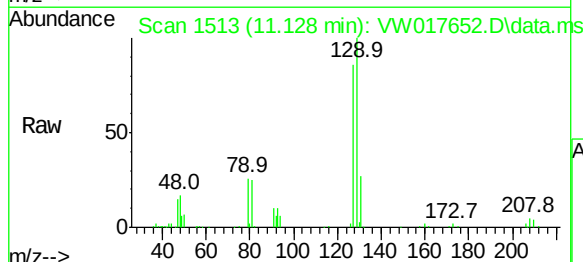
Manual Integrations
APPROVED

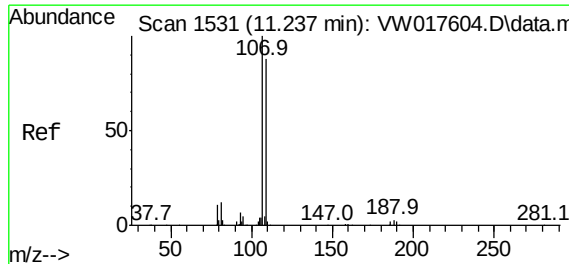
MMDadoda
12/19/2020 12:03:55 PM



#60
Dibromochloromethane
Concen: 17.64 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 129 Resp: 42907
Ion Ratio Lower Upper
129 100
127 81.2 38.9 116.6





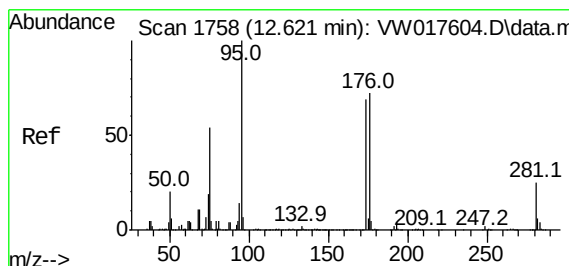
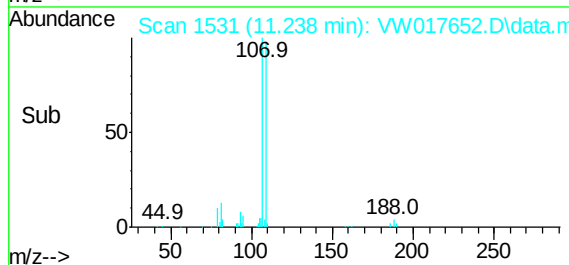
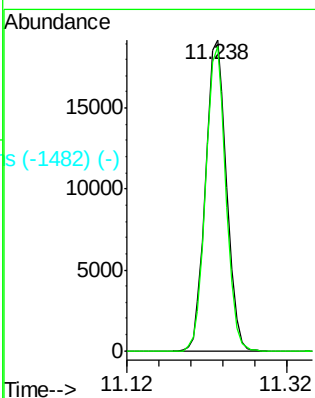
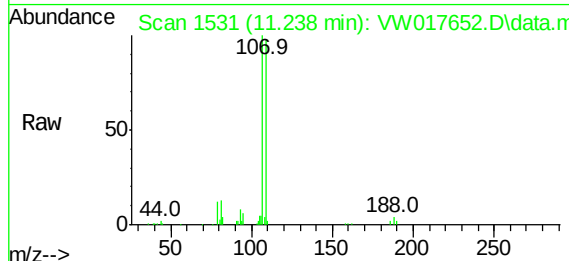
1,2-Dibromoethane
Concen: 18.20 ug/l
RT: 11.238 min Scan# 1531
Delta R.T. 0.001 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 107 Resp: 34960
Ion Ratio Lower Upper
107 100
109 94.3 74.7 112.1

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

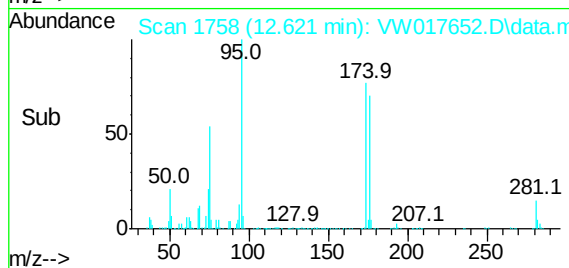
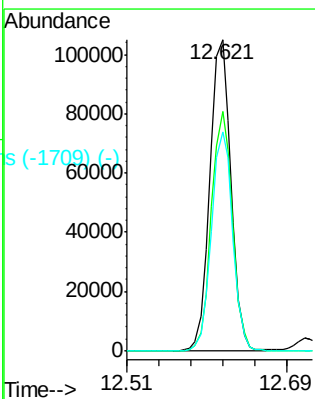
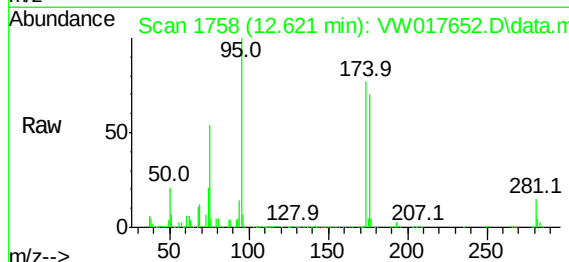
Manual Integrations
APPROVED

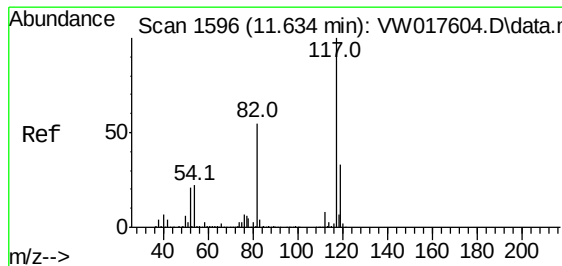
MMDadoda
12/19/2020 12:03:55 PM



4-Bromofluorobenzene
Concen: 48.96 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

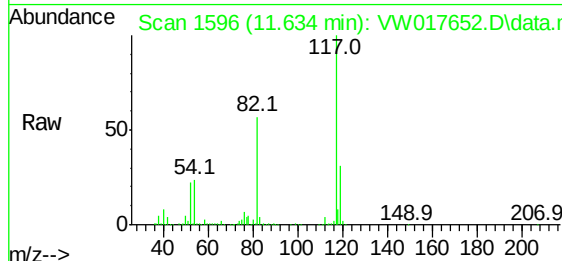
Tgt Ion: 95 Resp: 170962
Ion Ratio Lower Upper
95 100
174 76.6 0.0 180.6
176 70.9 0.0 177.6





#6386 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

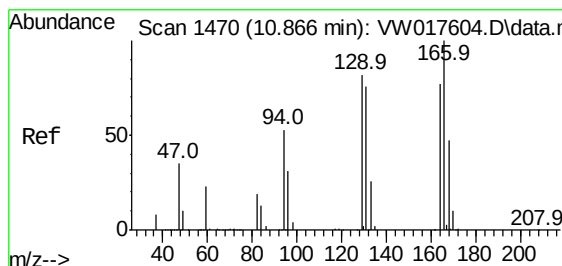
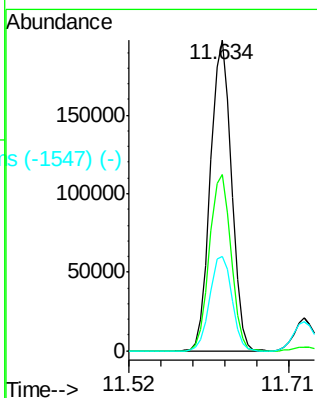
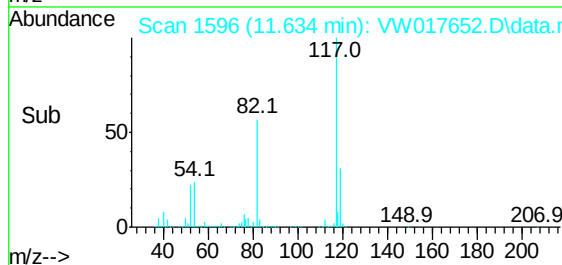
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01



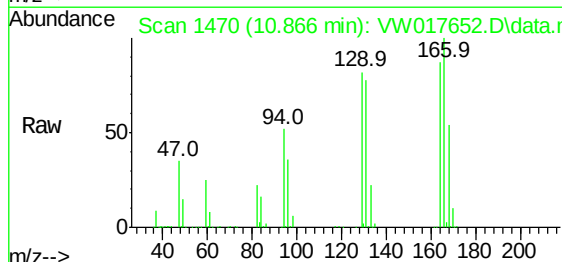
Tgt Ion:117 Resp: 330737
Ion Ratio Lower Upper
117 100
82 56.6 40.7 61.1
119 30.6 25.0 37.4

Manual Integrations
APPROVED

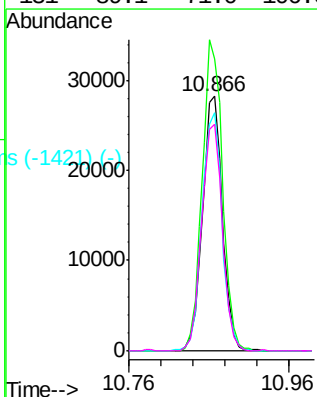
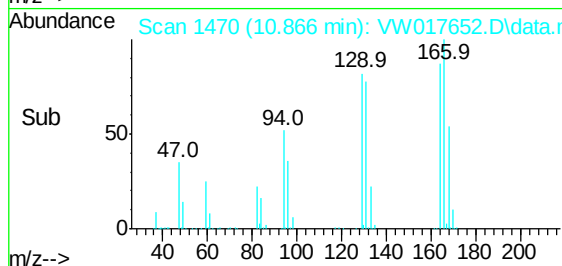
MMDadoda
12/19/2020 12:03:55 PM

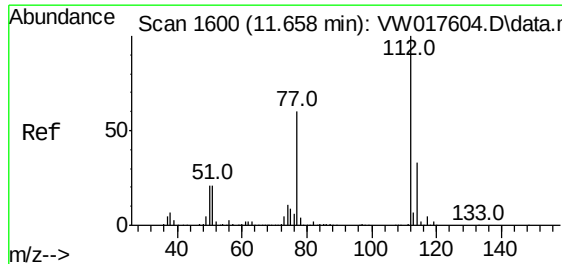


#6461 (-)
Tetrachloroethene
Concen: 21.35 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37



Tgt Ion:164 Resp: 48164
Ion Ratio Lower Upper
164 100
166 114.6 105.3 157.9
129 93.4 68.8 103.2
131 89.1 71.0 106.6





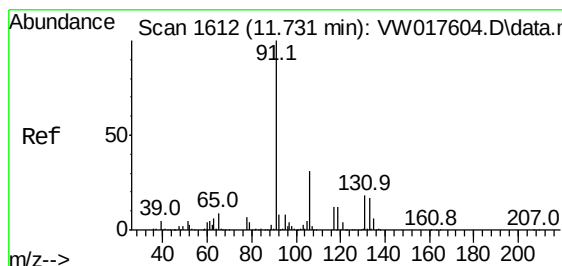
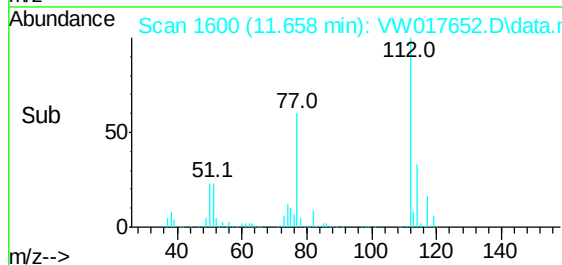
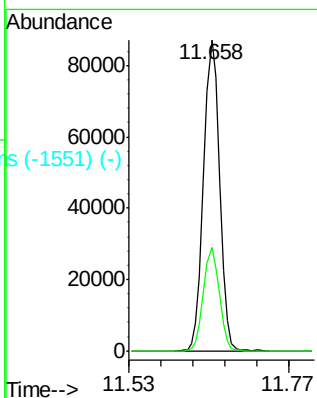
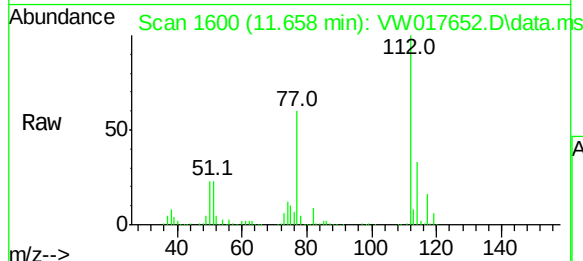
#65
Chlorobenzene
Concen: 20.41 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

Tgt Ion:112 Resp: 145165
Ion Ratio Lower Upper
112 100
114 33.4 25.3 37.9

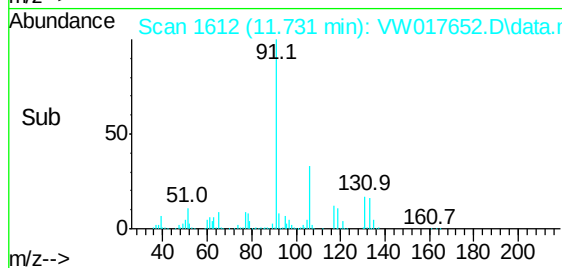
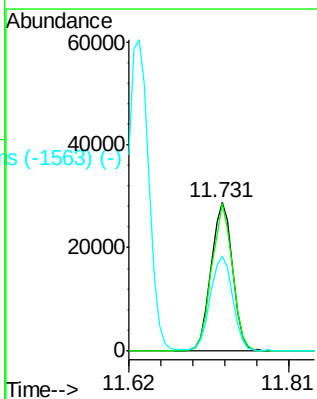
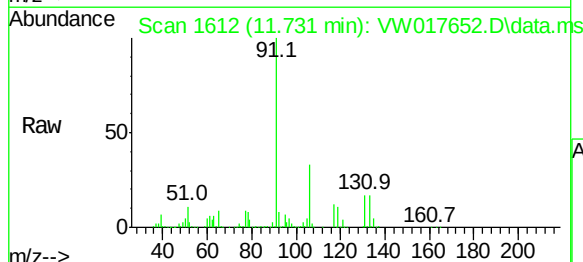
Manual Integrations
APPROVED

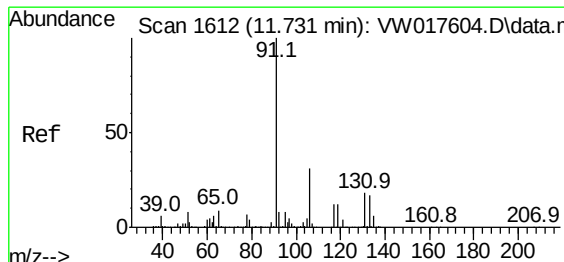
MMDadoda
12/19/2020 12:03:55 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.41 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

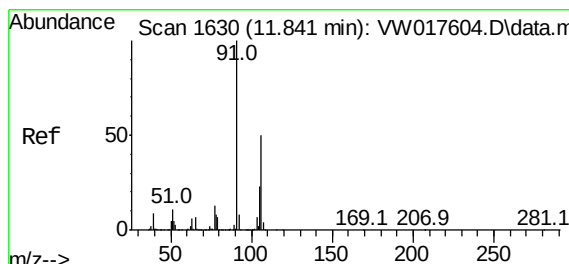
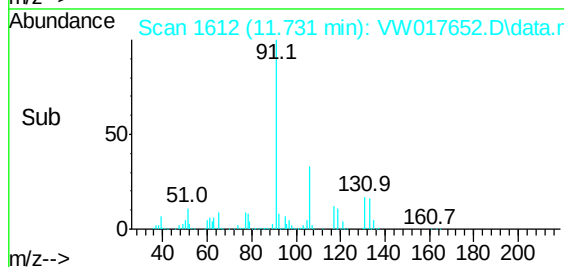
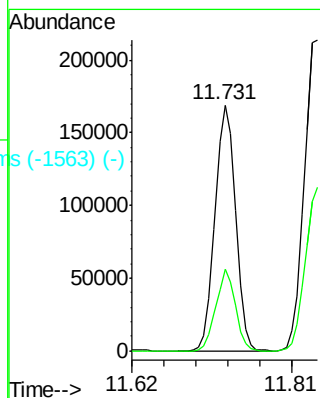
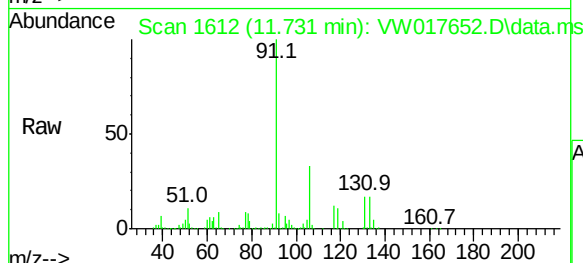
Tgt Ion:131 Resp: 48951
Ion Ratio Lower Upper
131 100
133 95.4 48.1 144.3
119 66.6 32.5 97.4





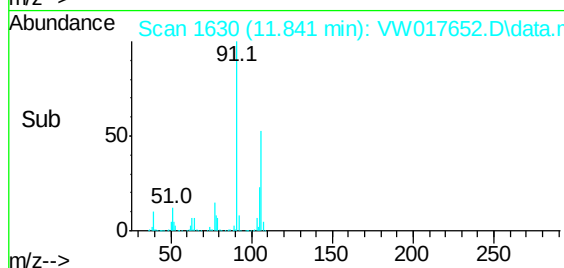
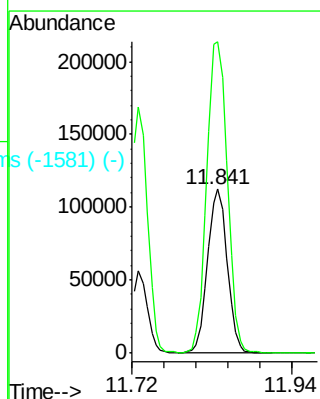
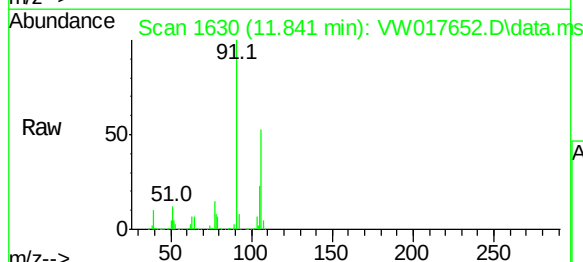
#67
Ethyl Benzene
Concen: 20.95 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 91 Resp: 276750
Ion Ratio Lower Upper
91 100
106 33.5 25.9 38.9



#68
m/p-Xylenes
Concen: 41.70 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

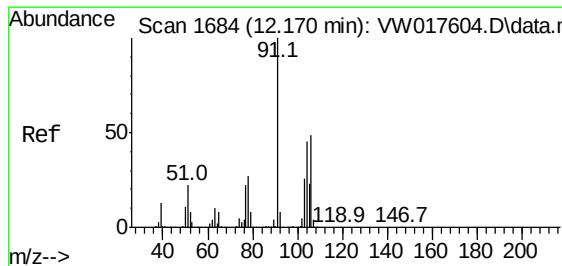
Tgt Ion:106 Resp: 210069
Ion Ratio Lower Upper
106 100
91 200.7 157.4 236.0



Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

Manual Integrations
APPROVED

MMDadoda
12/19/2020 12:03:55 PM



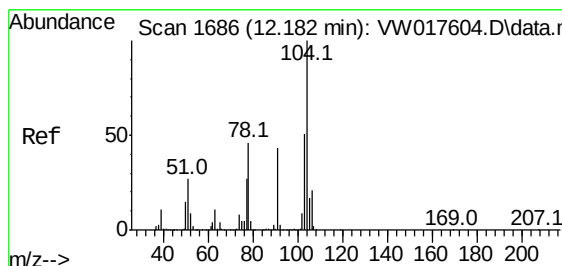
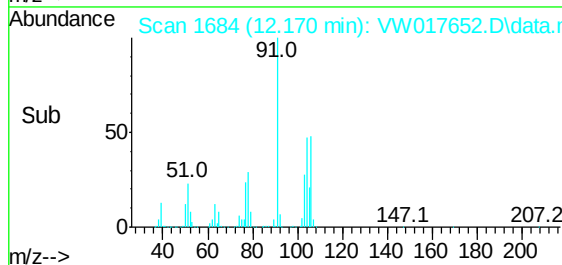
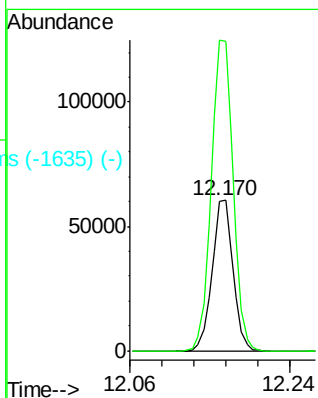
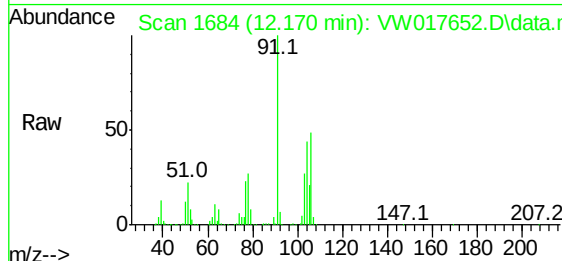
#68
o-Xylene
Concen: 20.54 ug/l
RT: 12.170 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion:106 Resp: 97615
Ion Ratio Lower Upper
106 100
91 216.2 103.6 310.9

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

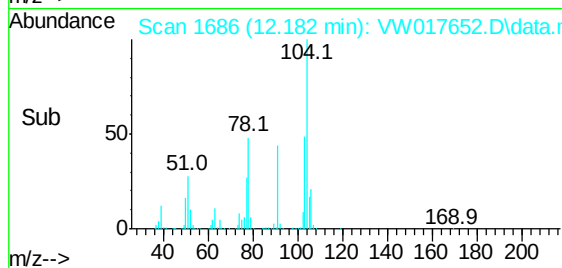
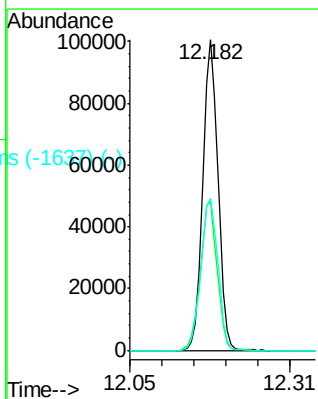
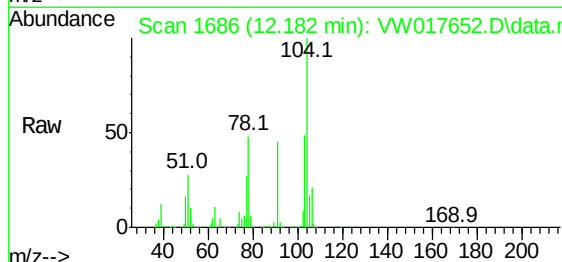
Manual Integrations
APPROVED

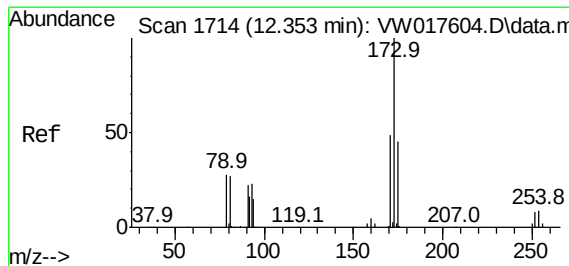
MMDadoda
12/19/2020 12:03:55 PM



#70
Styrene
Concen: 20.18 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

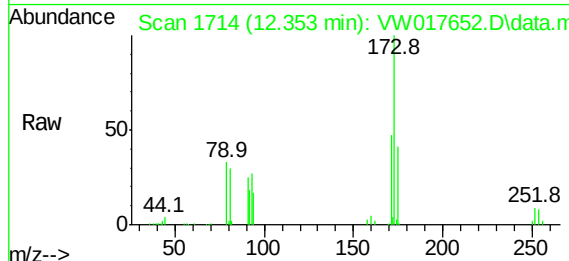
Tgt Ion:104 Resp: 160162
Ion Ratio Lower Upper
104 100
78 53.4 37.6 56.4
103 55.2 43.6 65.4





#7105 (-)
Bromoform
Concen: 16.76 ug/l
RT: 12.353 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

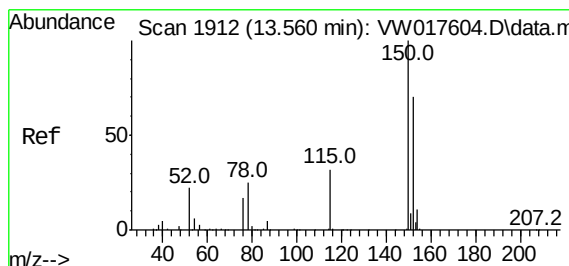
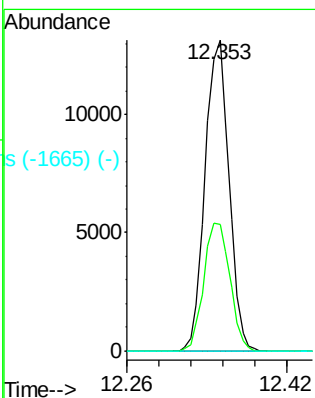
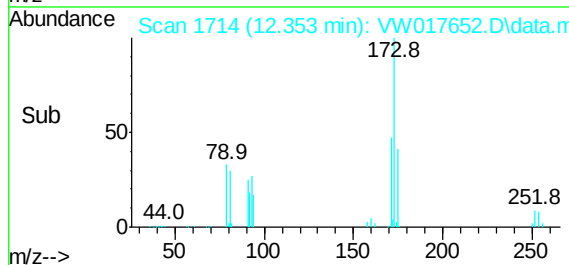
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01



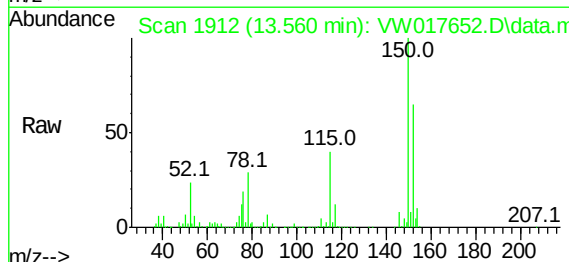
Tgt Ion:173 Resp: 22593
Ion Ratio Lower Upper
173 100
175 44.9 24.7 74.1
254 0.0 0.1 0.1#

Manual Integrations
APPROVED

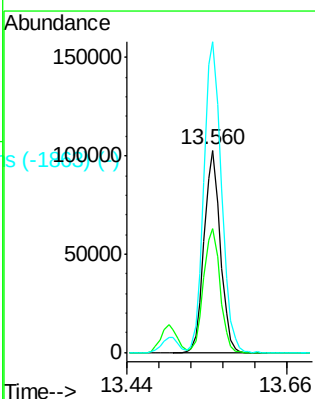
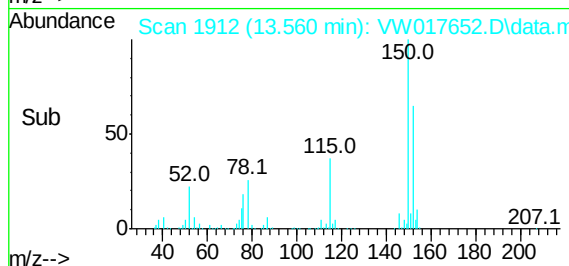
MMDadoda
12/19/2020 12:03:55 PM

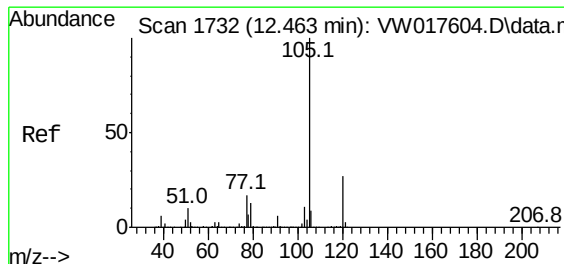


#7104 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37



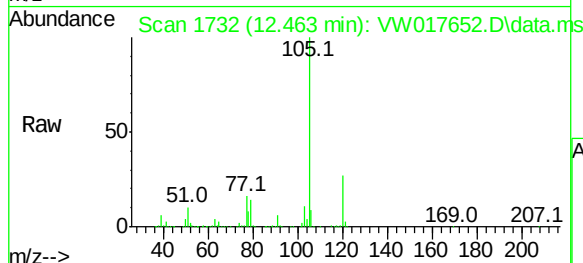
Tgt Ion:152 Resp: 157678
Ion Ratio Lower Upper
152 100
115 63.1 27.9 83.7
150 167.3 0.0 344.0





#73
Isopropylbenzene
Concen: 21.96 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

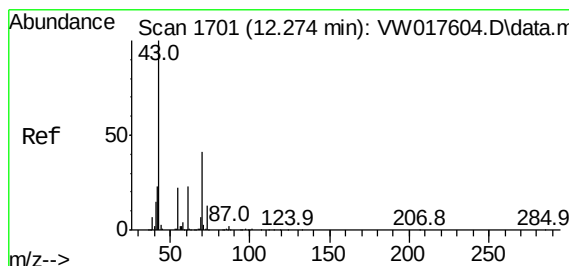
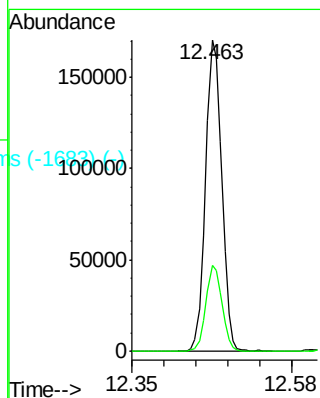
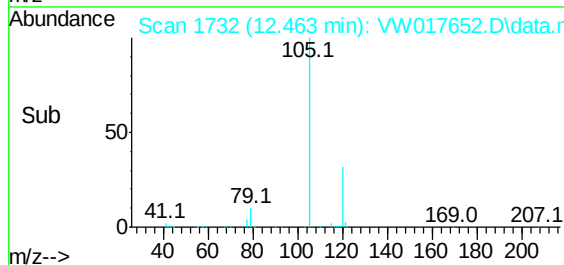
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01



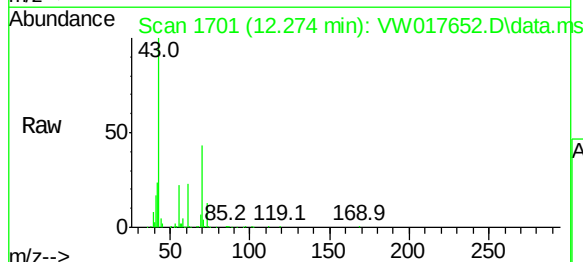
Tgt Ion:105 Resp: 273809
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.7

Manual Integrations
APPROVED

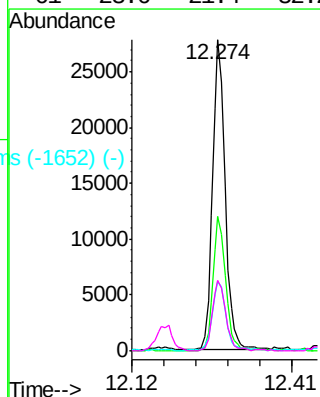
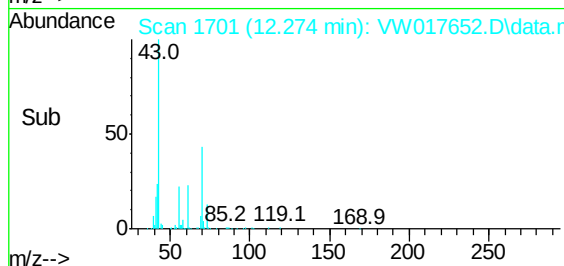
MMDadoda
12/19/2020 12:03:55 PM

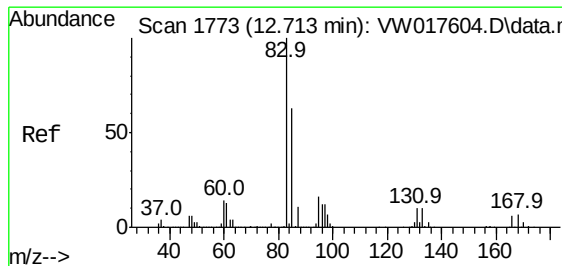


#74
N-ethyl acetate
Concen: 17.09 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37



Tgt Ion: 43 Resp: 44678
Ion Ratio Lower Upper
43 100
70 42.9 40.2 60.4
55 23.6 21.4 32.0
61 23.6 21.4 32.2





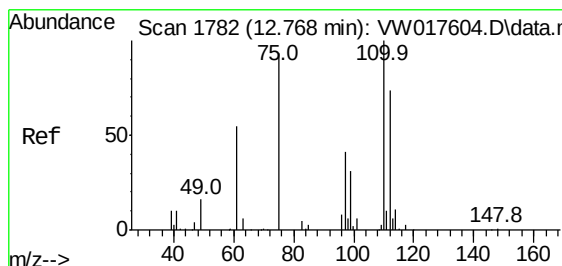
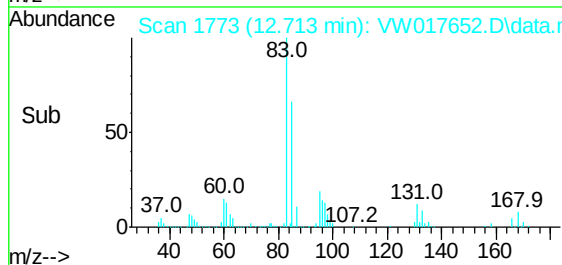
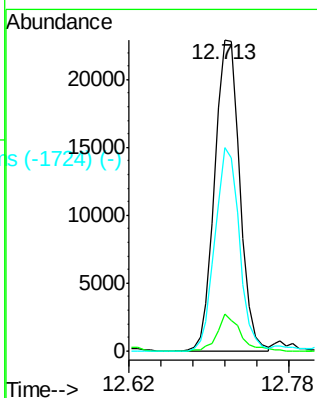
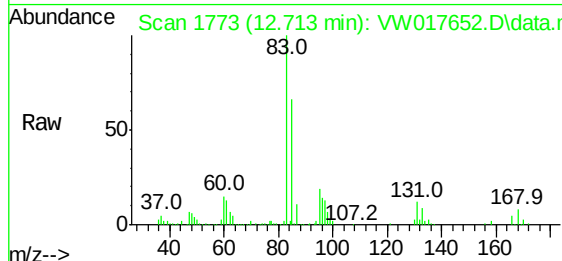
#7564 (-)
 1,1,2,2-Tetrachloroethane
 Concen: 18.78 ug/l
 RT: 12.713 min Scan# 1773
 Delta R.T. -0.000 min
 Lab File: VW017652.D
 Acq: 16 Dec 2020 10:37

Tgt Ion:	83	Resp:	39065
Ion Ratio	Lower	Upper	
83	100		
131	10.8	6.1	18.3
85	63.6	32.7	98.1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1216SBS01

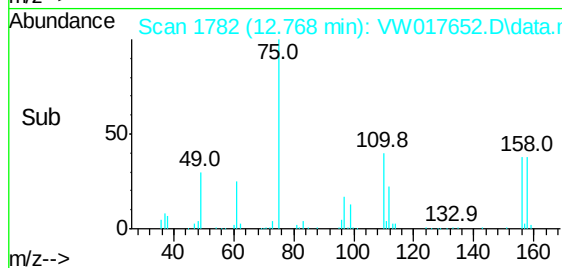
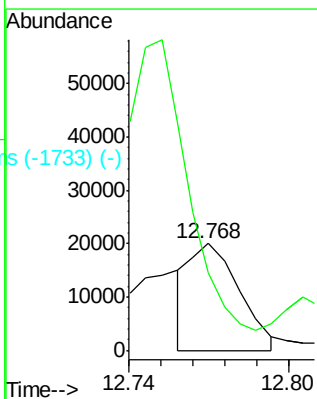
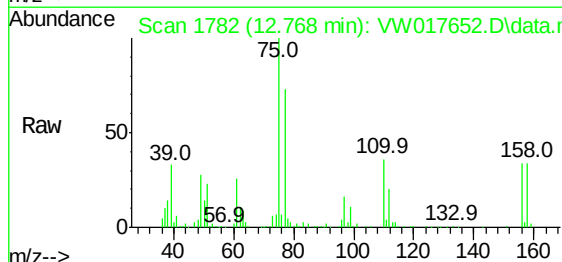
Manual Integrations
 APPROVED

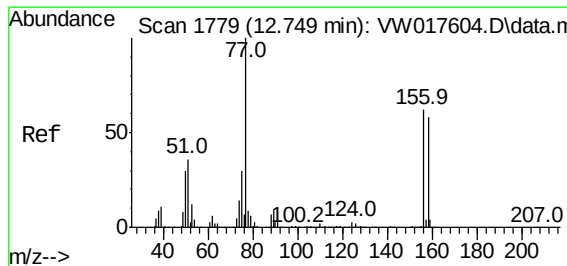
MMDadoda
 12/19/2020 12:03:55 PM



#7580 (-)
 1,2,3-Trichloropropane
 Concen: 17.76 ug/l m
 RT: 12.768 min Scan# 1782
 Delta R.T. -0.000 min
 Lab File: VW017652.D
 Acq: 16 Dec 2020 10:37

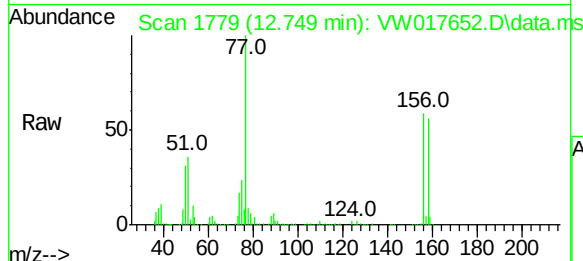
Tgt Ion:	75	Resp:	26962
Ion Ratio	Lower	Upper	
75	100		
77	401.1	178.8	536.3





#1770 (-)
Bromobenzene
Concen: 20.70 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

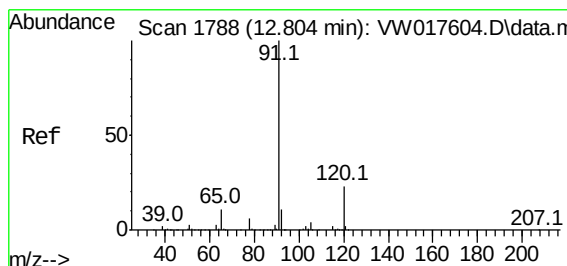
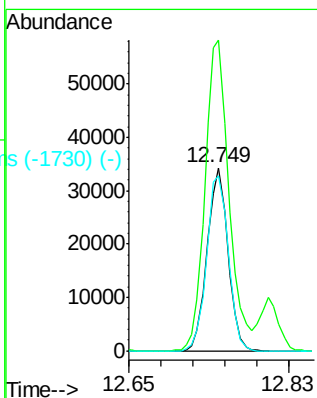
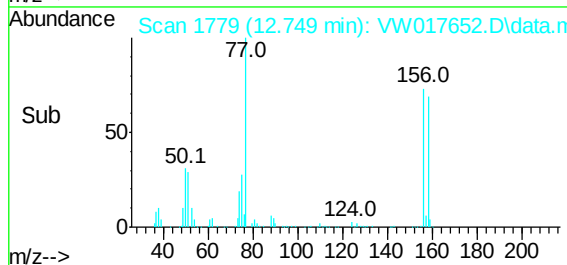
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01



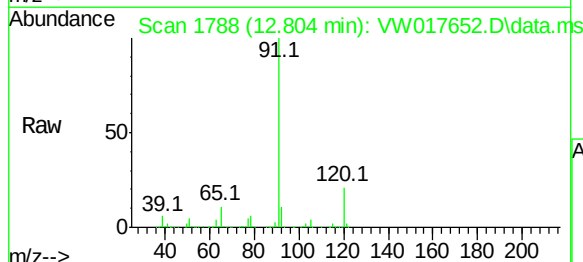
Tgt Ion:156 Resp: 55271
Ion Ratio Lower Upper
156 100
77 195.7 79.0 237.2
158 100.5 47.0 141.2

Manual Integrations
APPROVED

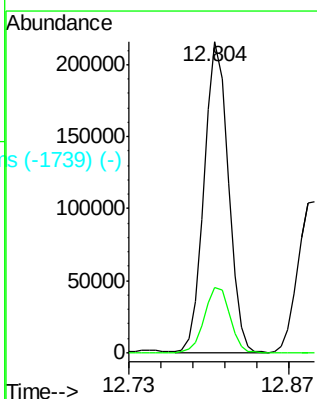
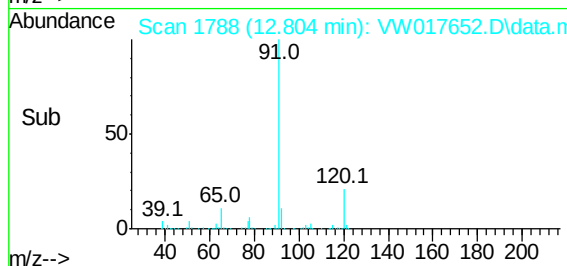
MMDadoda
12/19/2020 12:03:55 PM

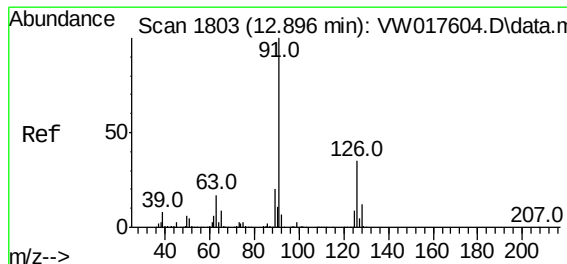


#1782 (-)
n-propylbenzene
Concen: 22.34 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37



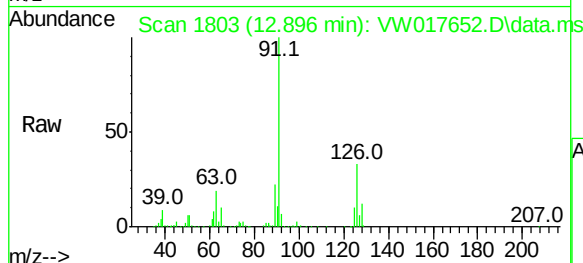
Tgt Ion: 91 Resp: 330715
Ion Ratio Lower Upper
91 100
120 21.9 12.0 36.1





#7996 (-)
2-Chlorotoluene
Concen: 21.99 ug/l
RT: 12.896 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

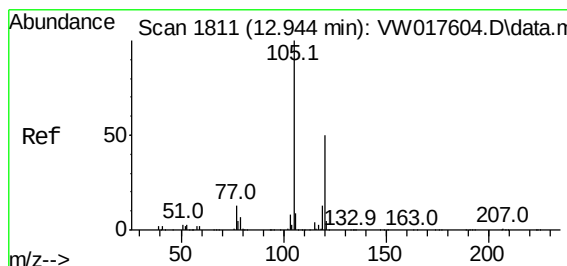
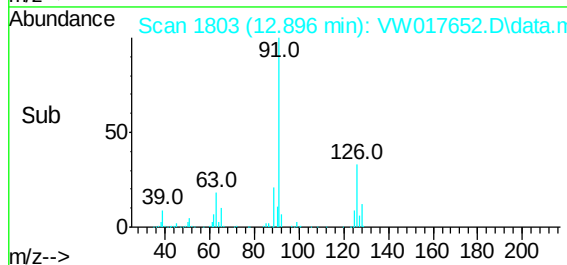
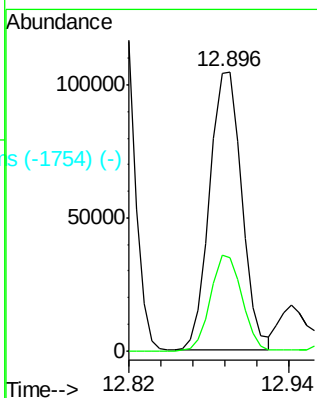
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01



Tgt Ion: 91 Resp: 181460
Ion Ratio Lower Upper
91 100
126 33.3 17.9 53.8

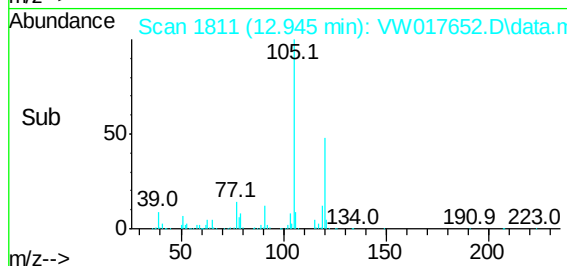
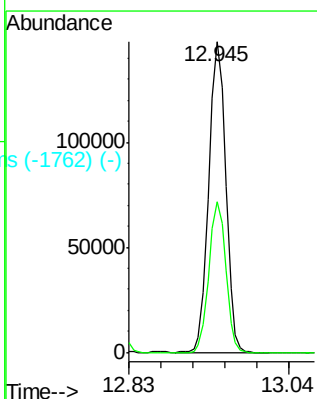
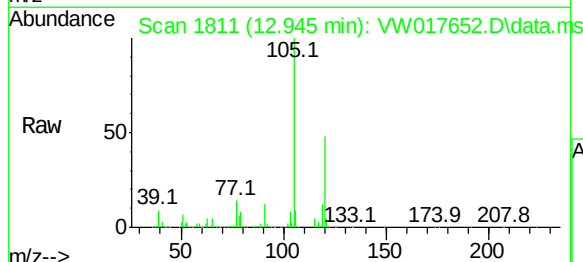
Manual Integrations
APPROVED

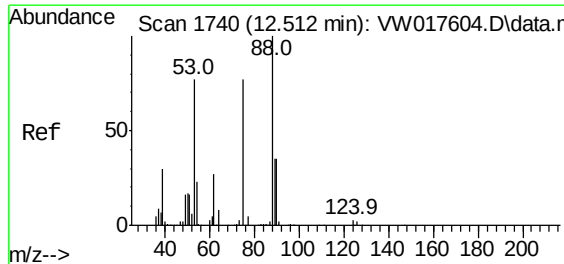
MMDadoda
12/19/2020 12:03:55 PM



#8102 (-)
1,3,5-Trimethylbenzene
Concen: 21.73 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. 0.001 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

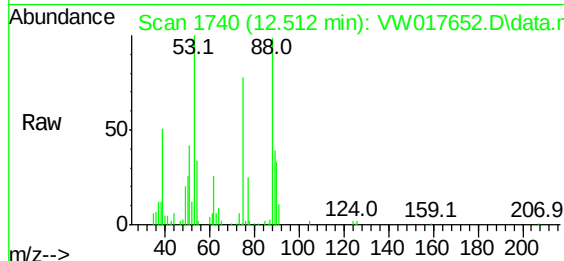
Tgt Ion:105 Resp: 229260
Ion Ratio Lower Upper
105 100
120 48.2 24.9 74.8





trans-1,4-Dichloro-2-butene
Concen: 15.39 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

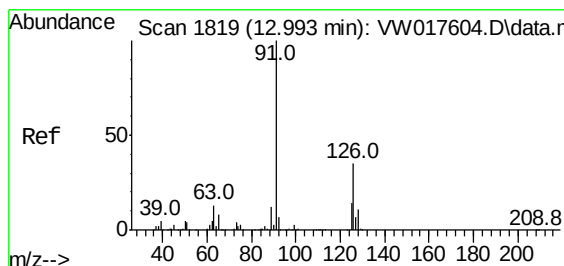
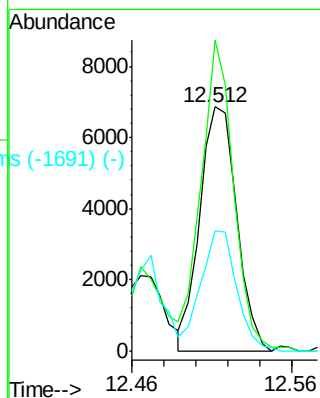
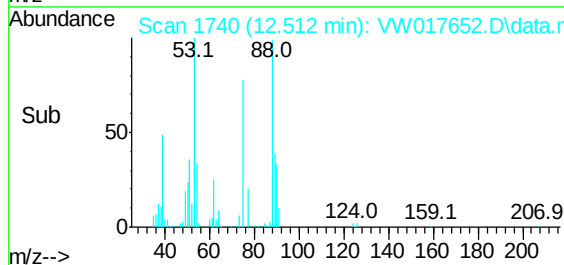
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01



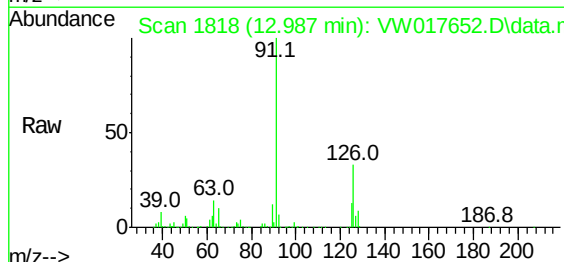
Tgt Ion	Ratio	Lower	Upper
75	100		
53	111.9	77.0	115.4
89	47.9	38.7	58.1

Manual Integrations
APPROVED

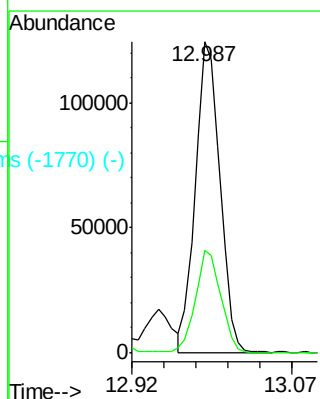
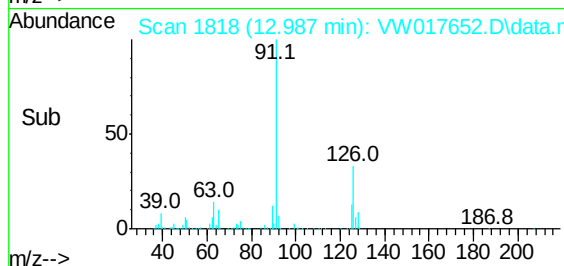
MMDadoda
12/19/2020 12:03:55 PM

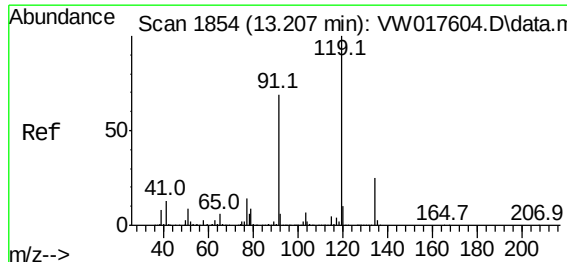


4-Chlorotoluene
Concen: 22.32 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37



Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.8	18.1	54.3



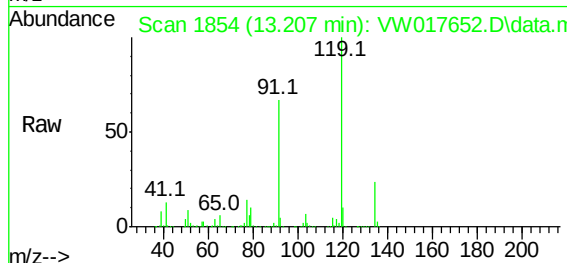


#83
tert-Butylbenzene
Concen: 22.24 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

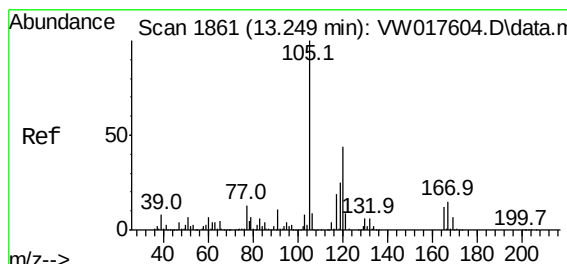
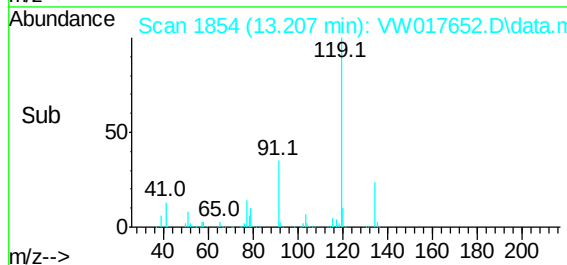
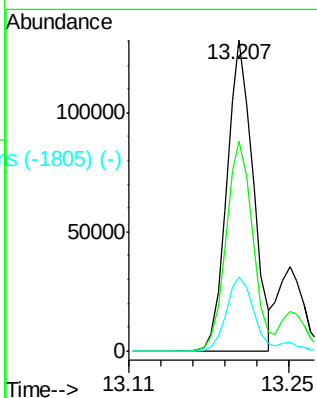
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

Manual Integrations
APPROVED

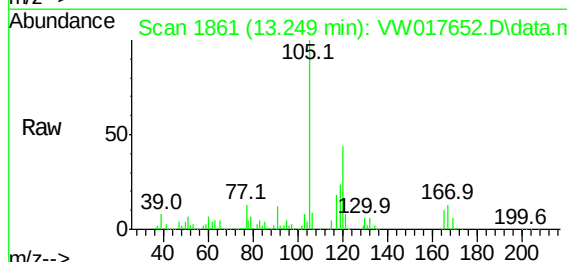
MMDadoda
12/19/2020 12:03:55 PM



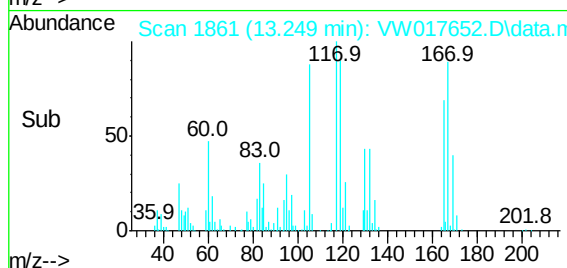
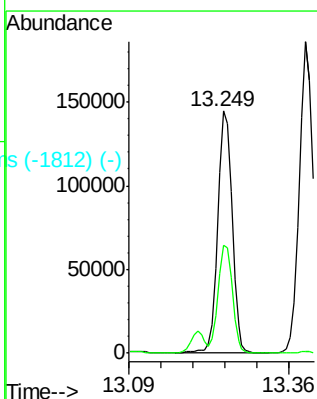
Tgt Ion:119 Resp: 200749
Ion Ratio Lower Upper
119 100
91 69.7 31.3 93.9
134 24.6 14.0 42.0

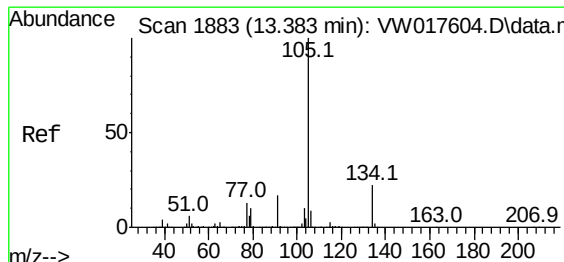


#84
1,2,4-Trimethylbenzene
Concen: 22.22 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37



Tgt Ion:105 Resp: 230893
Ion Ratio Lower Upper
105 100
120 44.3 23.4 70.0





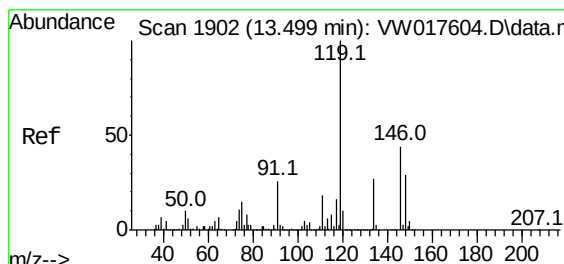
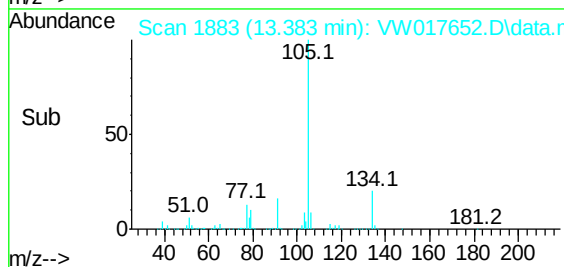
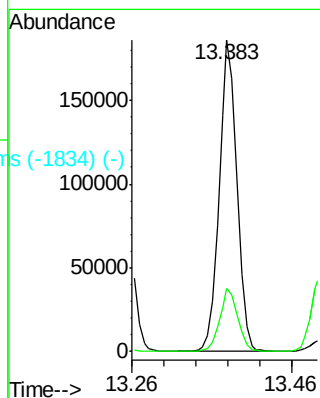
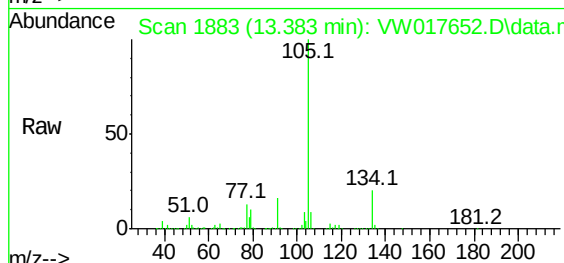
sec-Butylbenzene
Concen: 22.37 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion:105 Resp: 283558
Ion Ratio Lower Upper
105 100
134 20.1 10.6 31.8

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

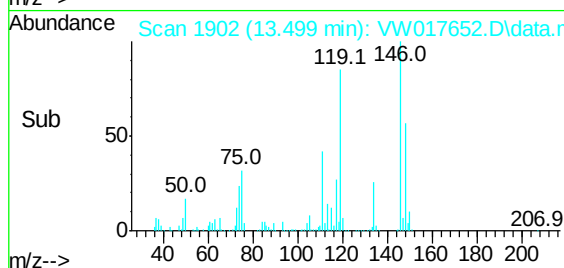
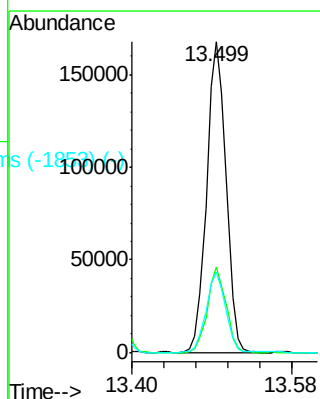
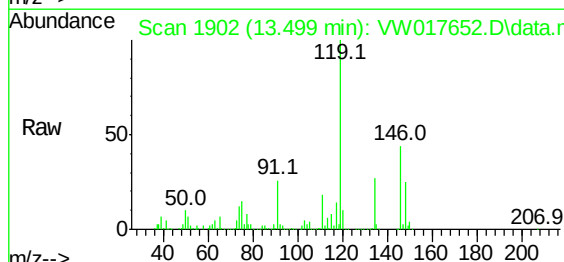
Manual Integrations
APPROVED

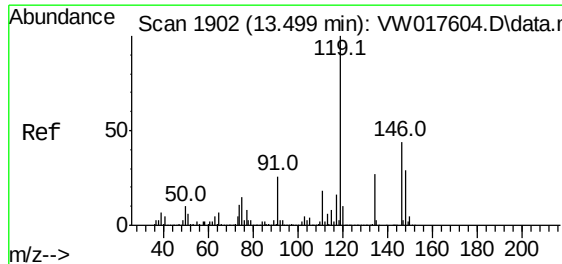
MMDadoda
12/19/2020 12:03:55 PM



p-Isopropyltoluene
Concen: 22.00 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

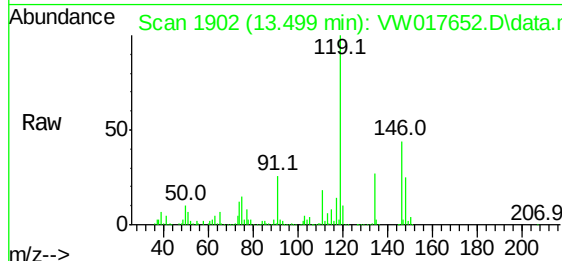
Tgt Ion:119 Resp: 251685
Ion Ratio Lower Upper
119 100
134 26.5 13.8 41.3
91 26.0 11.3 33.9





#1894 (-)
1,3-Dichlorobenzene
Concen: 21.60 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

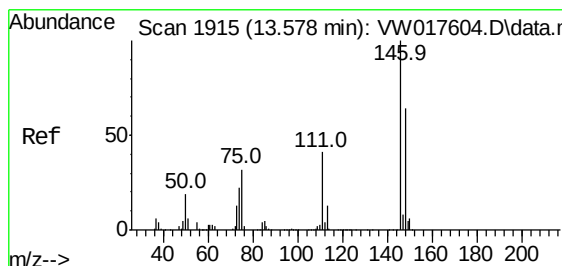
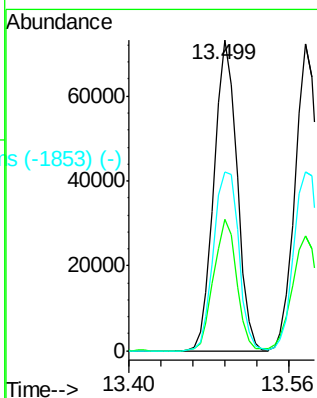
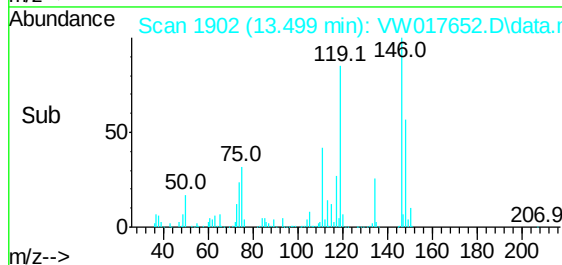
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01



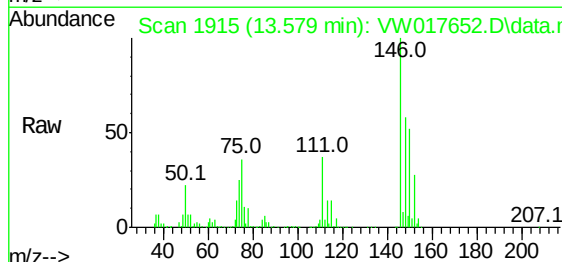
Tgt Ion:146 Resp: 114973
Ion Ratio Lower Upper
146 100
111 42.1 19.1 57.5
148 63.1 32.5 97.4

Manual Integrations
APPROVED

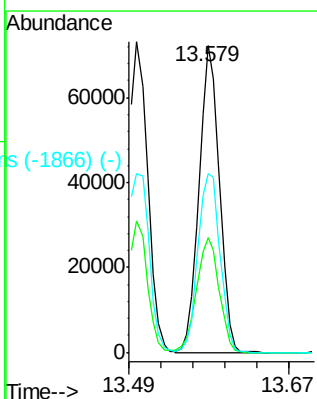
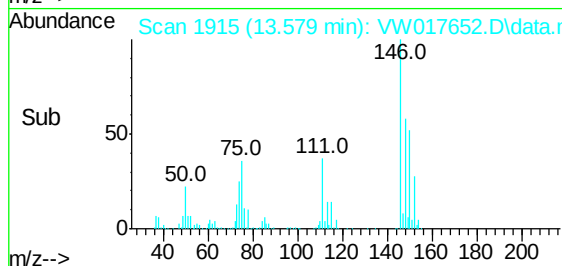
MMDadoda
12/19/2020 12:03:55 PM

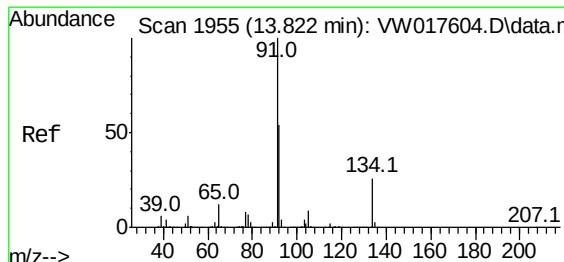


#1899 (-)
1,4-Dichlorobenzene
Concen: 21.71 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.001 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37



Tgt Ion:146 Resp: 114673
Ion Ratio Lower Upper
146 100
111 41.4 18.5 55.5
148 63.1 31.8 95.4





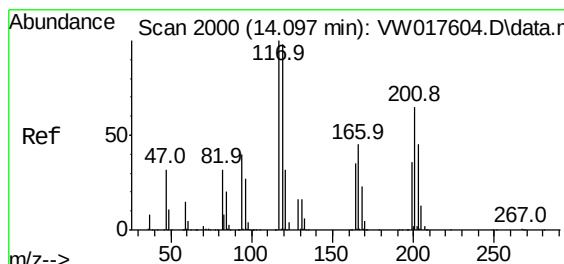
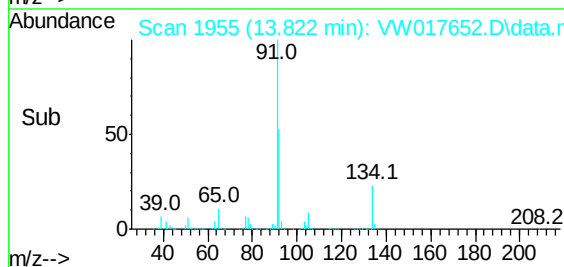
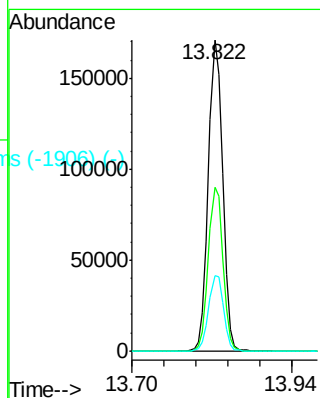
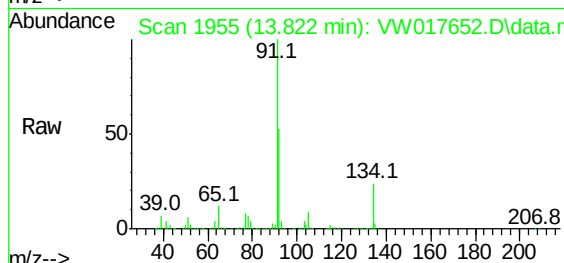
#99
n-Butylbenzene
Concen: 22.60 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion:	91	Resp:	254117
Ion Ratio	100	Lower	Upper
91	100		
92	53.4	26.6	79.7
134	25.1	14.3	42.9

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

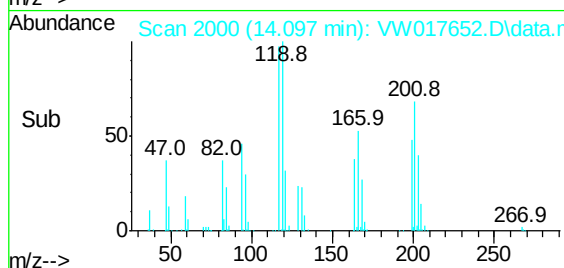
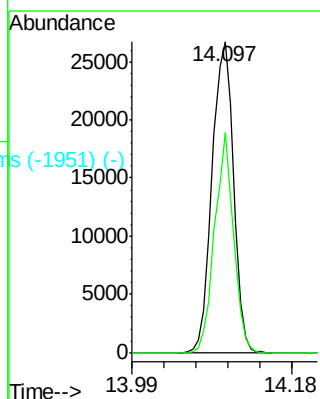
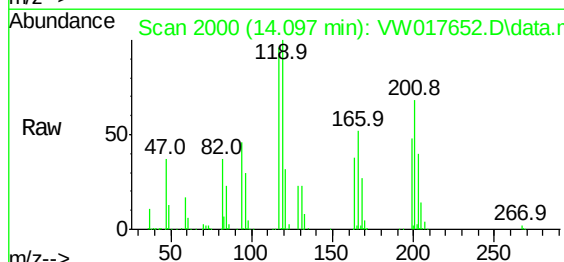
Manual Integrations
APPROVED

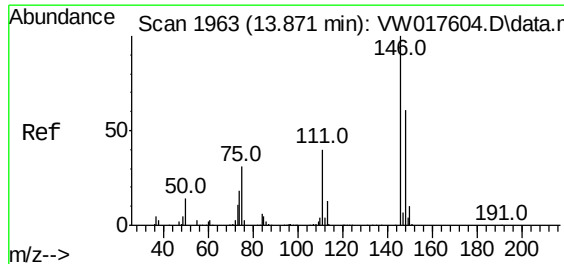
MMDadoda
12/19/2020 12:03:55 PM



#99
Hexachloroethane
Concen: 20.13 ug/l
RT: 14.097 min Scan# 2000
Delta R.T. -0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion:	117	Resp:	45247
Ion Ratio	100	Lower	Upper
117	100		
201	62.7	41.9	125.7



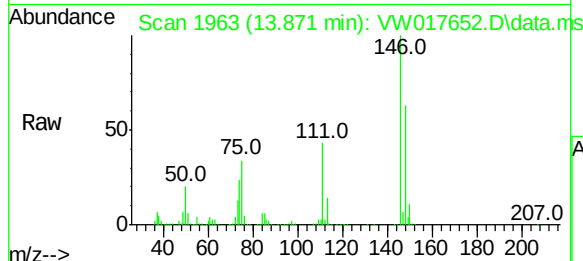


#9154 (-)
1,2-Dichlorobenzene
Concen: 20.78 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

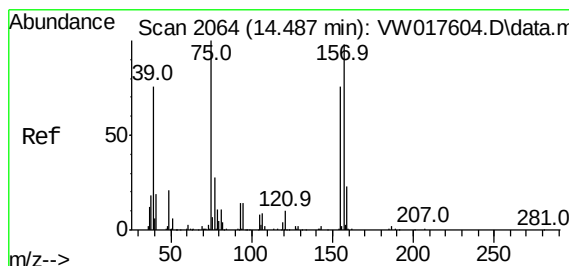
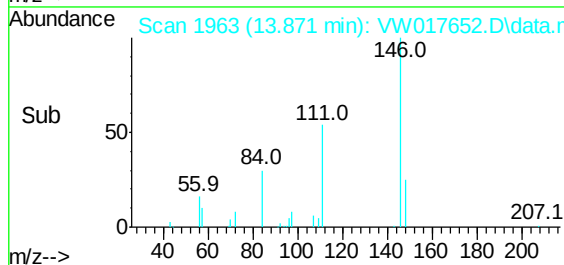
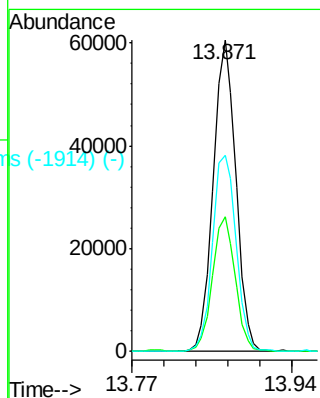
Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

Manual Integrations
APPROVED

MMDadoda
12/19/2020 12:03:55 PM

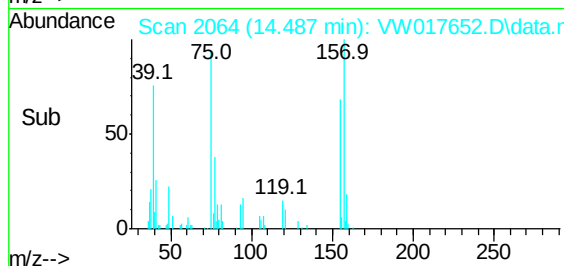
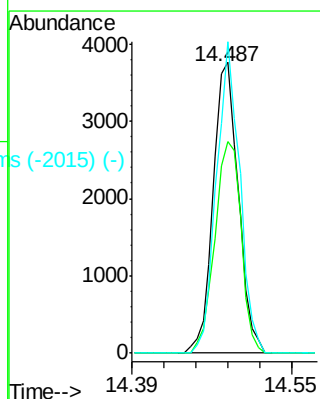
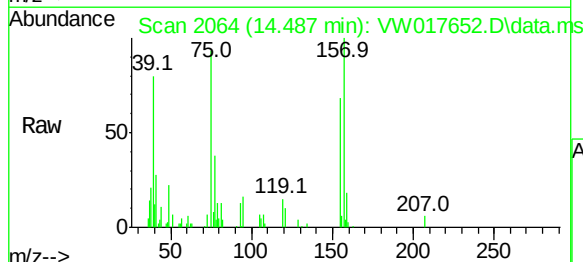


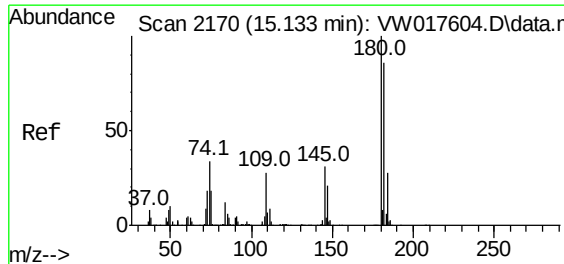
Tgt Ion:146 Resp: 98297
Ion Ratio Lower Upper
146 100
111 43.1 20.1 60.3
148 65.2 33.1 99.3



#9156 (-)
1,2-Dibromo-3-Chloropropane
Concen: 16.91 ug/l
RT: 14.487 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion: 75 Resp: 6399
Ion Ratio Lower Upper
75 100
155 75.9 47.6 142.8
157 99.3 62.2 186.6





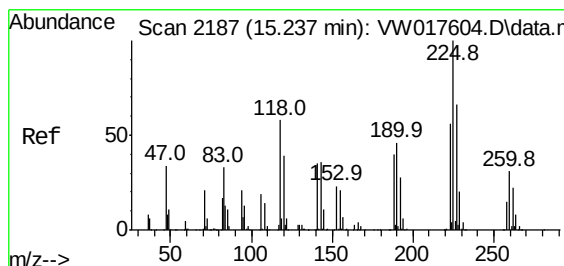
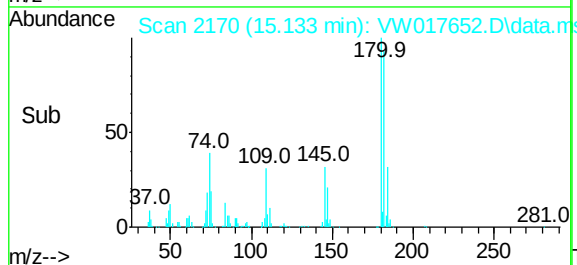
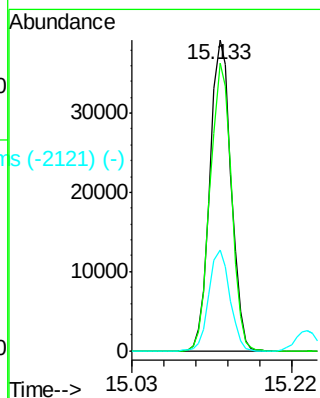
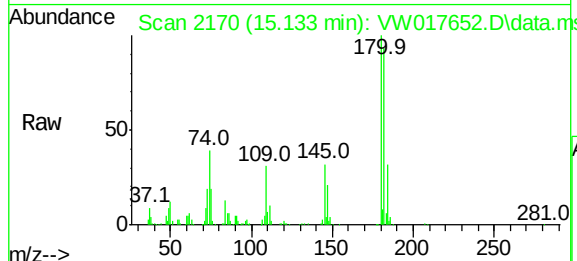
#91 (-)
1,2,4-Trichlorobenzene
Concen: 21.73 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion:	180	Resp:	65762
Ion Ratio	Lower	Upper	
180	100		
182	92.6	48.3	144.9
145	32.0	14.9	44.5

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

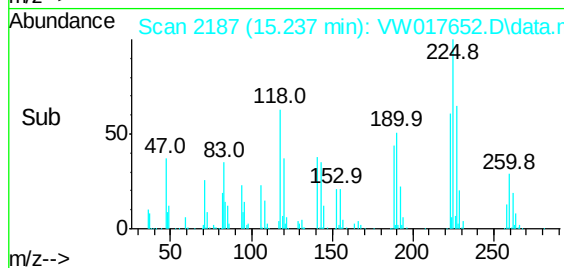
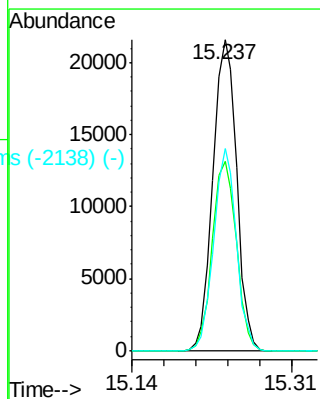
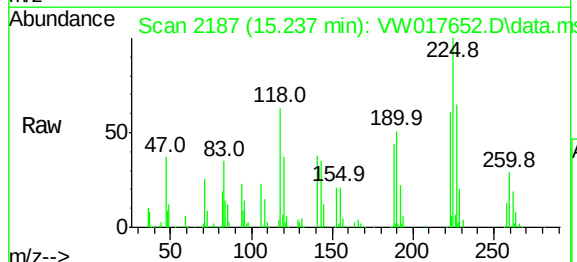
Manual Integrations
APPROVED

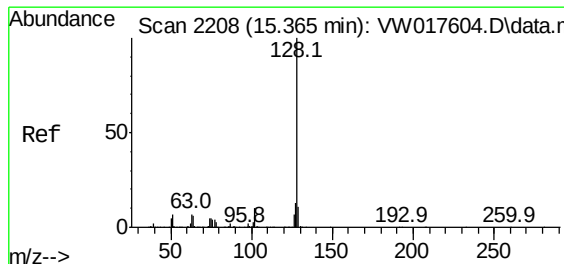
MMDadoda
12/19/2020 12:03:55 PM



#91 (-)
Hexachlorobutadiene
Concen: 23.14 ug/l
RT: 15.237 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion:	225	Resp:	36807
Ion Ratio	Lower	Upper	
225	100		
223	61.8	31.9	95.7
227	61.7	33.0	99.0





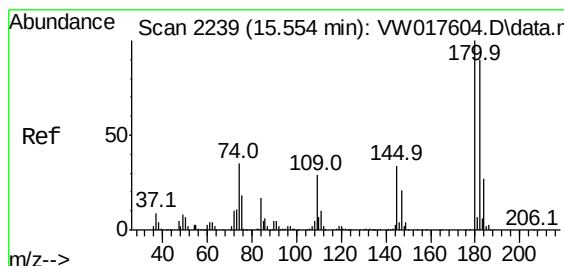
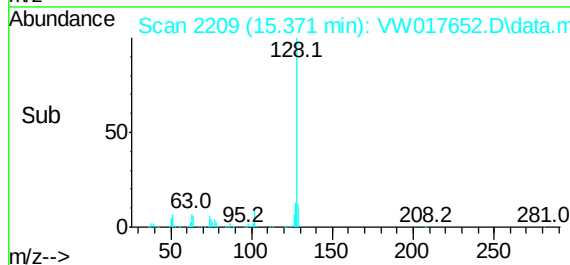
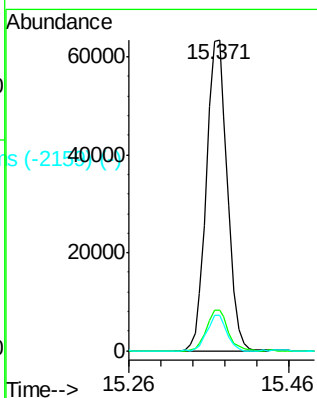
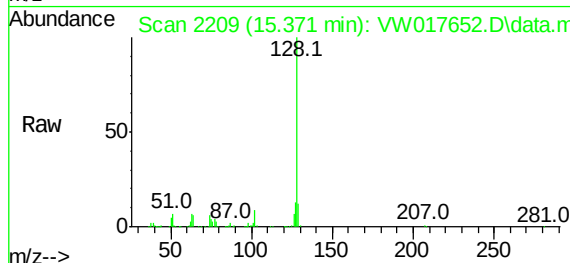
#95
Naphthalene
Concen: 18.65 ug/l
RT: 15.371 min Scan# 2209
Delta R.T. 0.006 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion:128 Resp: 115477
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.8 8.6 12.8

Instrument :
MSVOA_W
ClientSampleId :
VW1216SBS01

Manual Integrations
APPROVED

MMDadoda
12/19/2020 12:03:55 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.78 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW017652.D
Acq: 16 Dec 2020 10:37

Tgt Ion:180 Resp: 54399
Ion Ratio Lower Upper
180 100
182 95.1 49.4 148.2
145 34.5 16.3 48.9

